

Substitute for form 1449A&B/PTO			<b>Complete if Known</b>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)			Application Number	10/621,254	
			Filing Date	July 14, 2003	
			First Named Inventor	Dow, Steven W.	
			Art Unit	1643	
			Examiner Name	HOLLERAN, Anne L.	
Sheet	1	of	48	Attorney Docket Number	021819-000300US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (if known)			
/A.H./	AA	US-3,906,092	9/1975	Hilleman, et al.	
	AB	US-4,452,775	06/05/1984	Kent	
	AC	US-4,956,296	9/1990	Fahnestock	
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	AE	US-5,023,243	06/11/1991	Tullis	
	AF	US-5,075,109	12/24/1991	Tice, et al.	
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	AJ	US-5,248,670	09/28/1993	Draper, et al.	
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Examiner Signature	/Anne Holleran/	Date Considered	01/05/2009
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/A.H./	BE	US-5,786,189	7/1998	Locht, et al.	
	BF	US-5,804,566	09/08/1998	Carson, et al.	
	BG	US-5,814,335	09/29/1998	Webb, et al.	
	BH	US-5,837,243	11/17/1998	Deo, et al.	
	BI	US-5,843,770	12/01/1998	Ill, et al.	
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	BK	US-5,854,418	12/29/1998	Chang, et al.	
	BL	US-5,858,987	01/12/1999	Beer-Romero, et al.	
	BM	US-5,877,309	03/02/1999	McKay, et al.	
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	BQ	US-5,985,662	11/16/1999	Anderson, et al.	
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	BS	US-6,027,726	02/22/2000	Ansell	
	BT	US-6,027,732	02/22/2000	Morein, et al.	
	BU	US-6,030,954	02/29/2000	Wu, et al.	
	BV	US-6,030,955	02/29/2000	Stein, et al.	
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	BX	US-6,107,062	08/22/2000	Hu, et al.	
	BY	US-6,110,745	08/29/2000	Zhang, et al.	
	BZ	US-6,114,167	09/05/2000	Symonds, et al.	
	CA	US-6,121,434	09/19/2000	Peyman, et al.	
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	CC	US-6,207,819 B1	03/27/2001	Manoharan, et al.	
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	CG	US-6,239,116 B1	05/29/2001	Krieg, et al.	
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	CJ	US-6,426,334 B1	07/30/2002	Agrawal, et al.	
	CK	US-6,429,199 B1	08/06/2002	Krieg, et al.	
	CL	US-6,476,000 B1	11/05/2002	Agrawal, et al.	
	CM	US-6,479,504	11/12/2002	Macfarlane, et al.	
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	CO	US-6,544,518 B1	04/08/2003	Friede, et al.	
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	CS	US-6,610,661 B1	08/26/2003	Carson, et al.	
	CT	US-6,620,805	09/16/2003	Takle, et al.	
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	CW	US-6,727,230 B1	04/27/2004	Hutcherson, et al.	
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	CY	US-6,821,957 B1	11/23/2004	Krieg, et al.	
	CZ	US-6,835,395 B1	12/28/2004	Semple, et al.	
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	DB	US-6,943,240	09/13/2005	Bauer, et al.	
	DC	US-6,949,520	09/27/2005	Hartmann, et al.	
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	DL	US-2002/0137714 A1	09/26/2002	Kandamilla, et al.	
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	DN	US-2002/0192184 A1	12/19/2002	Carpentier, et al.	
	DO	US-2003/0022852 A1	01/30/2003	Van Nest, et al.	
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	DR	US-2003/0050261 A1	03/13/2003	Krieg, et al.	
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	DY	US-2003/0109469 A1	06/12/2003	Carson, et al.	
	DZ	US-2003/0119774 A1	06/26/2003	Foldvari, et al.	
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/A.H./	EQ	US-2004/0006034 A1	01/08/2004	Raz, et al.	
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	GL	US-2005/0009774 A1	01/13/2005	Krieg, et al.	
	GM	US-2005/0013812 A1	01/20/2005	Dow, et al.	
	GN	US-2005/0031638 A1	02/10/2005	Dalemans, et al.	
	GO	US-2005/0032734 A1	02/10/2005	Davis, et al.	
	GP	US-2005/0032736 A1	02/10/2005	Krieg, et al.	
	GQ	US-2005/0037403 A1	02/17/2005	Krieg, et al.	
	GR	US-2005/0037985 A1	02/17/2005	Krieg, et al.	
	GS	US-2005/0043529 A1	02/24/2005	Davis, et al.	
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	HA	US-2005/0070491 A1	03/31/2005	Krieg, et al.	
	HB	US-2005/0075302 A1	04/07/2005	Hutcherson, et al.	
	HC	US-2005/0079152 A1	04/14/2005	Bot, et al.	
	HD	US-2005/0100983 A1	05/12/2005	Bauer, et al.	
	HE	US-2005/0101554 A1	05/12/2005	Krieg, et al.	
	HF	US-2005/0101557 A1	05/12/2005	Krieg, et al.	
	HG	US-2005/0119273 A1	06/02/2005	Lipford, et al.	
	HH	US-2005/0123523 A1	06/09/2005	Krieg, et al.	
	HI	US-2005/0130911 A1	06/16/2005	Uhlmann, et al.	
	HJ	US-2005/0130918 A1	06/16/2005	Agrawal, et al.	
	HK	US-2005/0148537 A1	07/07/2005	Krieg, et al.	
	HL	US-2005/0169888 A1	08/04/2005	Hartman, et al.	
	HM	US-2005/0171047 A1	08/04/2005	Krieg, et al.	
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	HQ	US-2005/0182017 A1	08/18/2005	Krieg	
	HR	US-2005/0191342 A1	09/01/2005	Tam, et al.	
	HS	US-2005/0197314 A1	09/08/2005	Krieg, et al.	
	HT	US-2005/0209184 A1	09/22/2005	Klinman, et al.	
	HU	US-2005/0214355	09/29/2005	Klinman, et al.	
	HV	US-2005/0215500 A1	09/29/2005	Krieg, et al.	
	HW	US-2005/0215501 A1	09/29/2005	Lipford, et al.	
	HX	US-2005/0233995 A1	10/20/2005	Krieg, et al.	
	HY	US-2005/0233999 A1	10/20/2005	Krieg, et al.	
	HZ	US-2005/0239732 A1	10/27/2005	Krieg, et al.	
	IA	US-2005/0239733 A1	10/27/2005	Jurk, et al.	
	IB	US-2005/0239734 A1	10/27/2005	Uhlmann, et al.	
Examiner Signature	/Anne Holleran/			Date Considered	01/05/2009

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A&B/PTO			<b>Complete if Known</b>	
			<i>Application Number</i>	10/621,254
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>			<i>Filing Date</i>	July 14, 2003
			<i>First Named Inventor</i>	Dow, Steven W.
			<i>Art Unit</i>	1643
			<i>Examiner Name</i>	HOLLERAN, Anne L.
			<i>Attorney Docket Number</i>	021819-000300US
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<i>(Use as many sheets as necessary)</i>				

<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (if known)			
/A.H./	IC	US-2005/0239736 A1	10/27/2005	Krieg, et al.	
	ID	US-2005/0244379 A1	11/03/2005	Krieg, et al.	
	IE	US-2005/0244380 A1	11/03/2005	Krieg, et al.	
	IF	US-2005/0245477 A1	11/03/2005	Krieg, et al.	
	IG	US-2005/0249794 A1	11/10/2005	Semple, et al.	
	IH	US-2005/0250726 A1	11/10/2005	Krieg, et al.	
	II	US-2005/0256073 A1	11/17/2005	Lipford, et al.	
	IJ	US-2005/0266015 A1	12/01/2005	Clerici, et al.	
	IK	US-2005/0267057 A1	12/01/2005	Krieg	
	IL	US-2005/0267064 A1	12/01/2005	Krieg, et al.	
	IM	US-2005/0277604 A1	12/15/2005	Krieg, et al.	
	IN	US-2005/0277609 A1	12/15/2005	Krieg, et al.	
	IO	US-2006/0003955 A1	01/05/2006	Krieg, et al.	
	IP	US-2006/0003962 A1	01/05/2005	Ahluwalia, et al.	
	IQ	US-2006/0014713 A1	01/19/2006	Agrawal, et al.	
	IR	US-2006/0019909 A1	01/26/2006	Agrawal, et al.	
	IS	US-2006/0019916 A1	01/26/2006	Agrawal, et al.	
	IT	US-2006/0019923 A1	01/26/2006	Davis, et al.	
	IU	US-2006/0058251 A1	03/16/2006	Krieg, et al.	
	IV	US-2006/0074040 A1	04/06/2006	Kandimalla, et al.	
	IW	US-2006/0089326 A1	04/27/2006	Krieg, et al.	
	IX	US-2006/0094683 A1	05/04/2006	Krieg, et al.	
	IY	US-2006/0140875 A1	06/29/2006	Krieg, et al.	
	IZ	US-2006/0154890 A1	07/13/2006	Bratzler, et al.	
	JA	US-2006/0172966 A1	08/03/2006	Lipford, et al.	
	JB	US-2006/0188913 A1	08/24/2006	Krieg, et al.	
	JC	US-2006/0189550 A1	08/24/2006	Jiang, et al.	
	JD	US-2006/0211639 A1	09/21/2006	Bratzler, et al.	
	JE	US-2006/0211641 A1	09/21/2006	Agrawal, et al.	
	JF	US-2006/0211644 A1	09/21/2006	Krieg, et al.	
Examiner Signature	/Anne Holleran/			Date Considered	01/05/2009

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/A.H./	JG	US-2006/0223769	A1	10/05/2006	Dow, et al.	
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	JI	US-2006/0241076	A1	10/26/2006	Uhlmann, et al.	
	JJ	US-2006/0246035	A1	11/02/2006	Ahluwalia, et al.	
	JK	US-2006/0251623	A1	11/09/2006	Bachmann, et al.	
	JL	US-2006/0251677	A1	11/09/2006	Bachmann, et al.	
	JM	US-2006/0286070	A1	12/21/2006	Hartmann, et al.	
	JN	US-				
	JO	US-				

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	JP	PCT	WO90/14822	A1	12/13/1990	Northwestern University		
	IQ	PCT	WO94/04284	A1	09/03/1994	ISIS Pharmaceuticals, Inc.		
	JR	PCT	WO92/00456	A1	06/05/1992	ISIS Pharmaceuticals, Inc.		
	JS	PCT	WO92/10522		10/1992			
	JT	PCT	WO92/24658		12/1992			
	JLL	PCT	WO93/26670	A1	12/23/1993	The Regents of the University of California		
	JV	PCT	WO94/04190	A1	03/03/1994	Imperial Cancer Research Technology Limited		
	JW	PCT	WO94/04024	A1	06/15/1994	ISIS Pharmaceuticals, Inc.		
	JX	PCT	WO93/03833		03/1993			
	JY	PCT	WO95/17507	A1	06/29/1995	Biagnostik Gesellschaft für Biomolekulare Diagnostik MBH [DE]		
	JZ	PCT	WO95/24828	A2	09/21/1995	Brown University Research Foundation		
	KA	PCT	WO95/28204		10/1995			

Examiner Signature	/Anne Holleran/	Date Considered	01/05/2009
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>			<i>Application Number</i>	10/621,254
			<i>Filing Date</i>	July 14, 2003
			<i>First Named Inventor</i>	Dow, Steven W.
			<i>Art Unit</i>	1643
			<i>Examiner Name</i>	HOLLERAN, Anne L.
<i>(Use as many sheets as necessary)</i>	<i>Attorney Docket Number</i>	021819-000300US		
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	KI	PCT	WO98/11211	A2	03/19/1998	Hybridon, et al.		<input type="checkbox"/>
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	KV	PCT	WO99/43350	A1	09/02/1999	IOMAI Corporation		<input type="checkbox"/>
	KW	PCT	WO99/52549	A1	10/29/1999	SmithKline Beecham Biologicals S.A.		<input type="checkbox"/>

Examiner Signature		Date Considered	
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Substitute for form 1449A&amp;B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT***(Use as many sheets as necessary)*Sheet 1 of 48**Complete if Known**

Application Number	10/621,254
Filing Date	July 14, 2003
First Named Inventor	Dow, Steven W.
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Examiner Name	HOLLERAN, Anne L.
Attorney Docket Number	021819-000300US

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		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
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	LB	PCT	WO00/03683	A2	01/27/2000	INEX Pharmaceuticals Corp.	<input type="checkbox"/>	
	LC	PCT	WO00/06588	A1	02/10/2000	University of Iowa Research Foundation	<input type="checkbox"/>	
	LD	PCT	WO00/15256	A2	03/23/2000	Pasteur Merieux Serums Et Vaccins [FR]	<input type="checkbox"/>	
	LE	PCT	WO00/45849	A2	08/10/2000	Genzyme Corporation	<input type="checkbox"/>	
	LF	PCT	WO00/46365	A1	08/10/2000	Virginia Commonwealth University	<input type="checkbox"/>	
	LG	PCT	WO00/54803	A2	09/21/2000	Panacea Pharmaceuticals, LLC	<input type="checkbox"/>	
	LH	PCT	WO00/61151	A2	10/19/2000	The Government of the United States of America	<input type="checkbox"/>	
	LI	PCT	WO00/67787	A2	11/16/2000	The Immune Response Corporation	<input type="checkbox"/>	
	LJ	PCT	WO00/75304	A1	12/14/2000	Aventis Pasteur [FR]	<input type="checkbox"/>	
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	LR	PCT	WO01/93902	A2	12/13/2001	Biosynexus Incorporated	<input type="checkbox"/>	
	LS	PCT	WO02/26757	A2	04/04/2002	Hybridon, Inc.	<input type="checkbox"/>	

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Substitute for form 1449A&amp;B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT***(Use as many sheets as necessary)*Sheet 12 of 48**Complete if Known**

Application Number	10/621,254
Filing Date	July 14, 2003
First Named Inventor	Dow, Steven W.
Art Unit	1643
Examiner Name	HOLLERAN, Anne L.
Attorney Docket Number	021819-000300US

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		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
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	LW	PCT	WO03/002065	A2	01/09/2003	Chiron Corporation	<input type="checkbox"/>	
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	LY	PCT	WO03/026688	A1	04/03/2003	Pharmaderm Laboratories, Ltd.	<input type="checkbox"/>	
	LZ	PCT	WO03/035836	A2	05/01/2003	Hybridon, Inc.	<input type="checkbox"/>	
	MA	PCT	WO03/057822	A3	07/17/2003	Hybridon, Inc.	<input type="checkbox"/>	
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	MD	PCT	WO04/007743	A2	01/22/2004	Coley Pharmaceutical GmbH	<input type="checkbox"/>	
	ME	PCT	WO04/026888	A2	04/01/2004	Coley Pharmaceutical GmbH	<input type="checkbox"/>	
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	MH	PCT	WO04/094671	A2	11/04/2004	Coley Pharmaceutical GmbH	<input type="checkbox"/>	
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				Application Number	10/621,254
				Filing Date	July 14, 2003
				First Named Inventor	Dow, Steven W.
				Art Unit	1643
				Examiner Name	HOLLERAN, Anne L.
Sheet	13	of	48	Attorney Docket Number	021819-000300US

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	MT	EP	0819758	A2	01/21/1998	Mixson		<input type="checkbox"/>
	MU	EP	1393745	A1	03/03/2004	Hybridon, Inc.		<input type="checkbox"/>

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	MV	[No author listed] CpG 7909: PF 3512676, PF-3512676. <i>Drugs R.D.</i> (2006) 7(5):312-316	<input type="checkbox"/>
	MW	Press Release, Hybridon, Inc. "Hybridon shows immunomodulatory activity of synthetic oligonucleotides", Cambridge, MA, May 7, 2001	<input type="checkbox"/>
	MX	ADYA, N., et al. "Expansion of CREB's DNA recognition specificity by Tax results from interaction with Ala-Mfa-Arg at positions 282-284 near the conserved DNA-binding domain of CREB", <i>Proc Natl Acad Sci USA</i> (1994) 91(12):5642-5646	<input type="checkbox"/>
	MY	AGRAWAL, S., et al. "Pharmacokinetics, biodistribution, and stability of oligodeoxynucleotide phosphorothioates in mice", <i>Proceedings of the National Academy of Sciences</i> (1991) 88:7595-7599	<input type="checkbox"/>
	MZ	AGRAWAL, S., et al. "Pharmacokinetics of antisense oligonucleotides", <i>Clin Pharmacokinet</i> (1995) 28(1):7-16	<input type="checkbox"/>
	NA	AGRAWAL, S., et al. "Medicinal chemistry and therapeutic potential of CpG DNA", <i>Trends Mol Med.</i> (2002) 8(3):114-121	<input type="checkbox"/>

Examiner Signature		Date Considered	
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				<i>First Named Inventor</i>	Dow, Steven W.
				<i>Art Unit</i>	1643
				<i>Examiner Name</i>	HOLLERAN, Anne L.
				<i>Attorney Docket Number</i>	021819-000300US
Sheet	14	of	48		
<i>(Use as many sheets as necessary)</i>					

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	NB	AGRAWAL, S., et al. "Novel immunomodulatory oligonucleotides prevent development of allergic airway inflammation and airway hyperresponsiveness in asthma", <i>Int Immunopharmacol</i> (2004) 4(1):127-138	<input type="checkbox"/>
	NC	ALPAR, et al. "Potential of particulate carriers for the mucosal delivery of DNA vaccines", <i>Biochem Soc Trans</i> (1997) 25(2):337S	<input type="checkbox"/>
	ND	ANFOSSI, et al. HCAPLUS Database, AN: 475552, Abstract. 1989	<input type="checkbox"/>
	NE	ANGIER, N., "Microbe DNA seen as alien by immune system", <i>New York Times</i> , April 11, 1995	<input type="checkbox"/>
	NF	ANITESCU, et al. "Interleukin-10 functions in vitro and in vivo to inhibit bacterial DNA-induced secretion of interleukin-12", <i>J Interferon Cytokine Res.</i> (1997) 17(12):781-788	<input type="checkbox"/>
	NG	ASKEW, et al. "CpG DNA induces maturation of dendritic cells with distinct effects on nascent and recycling MHC-II antigen-processing mechanisms", <i>J Immunol.</i> (2000) 165(12):6889-6895	<input type="checkbox"/>
	NH	AZAD, R.F., et al. "Antiviral Activity of a Phosphorothioate Oligonucleotide Complementary to RNA of the Human Cytomegalovirus Major Immediate-Early Region", <i>Antimicrobial Agents and Chemotherapy</i> (1993) 37:1945-1954	<input type="checkbox"/>
	NI	AZUMA, I. "Biochemical and Immunological Studies on Cellular Components of Tubercle Bacilli", <i>Kekkaku</i> (1992) 67(9):45-55	<input type="checkbox"/>
	NJ	BARAL, et al. "Immunostimulatory CpG oligonucleotides enhance the immune response of anti-idiotypic vaccine that mimics carcinoembryonic antigen", <i>Cancer Immunol Immunother.</i> (2003) 52(5):317-327	<input type="checkbox"/>
	NK	BAUER, et al. "DNA activates human immune cells through a CpG sequence-dependent manner", <i>Immunology</i> (1999) 97(4):699-705	<input type="checkbox"/>
	NL	BAUER, et al. "Human TLR9 confers responsiveness to bacterial DNA via species-specific CpG motif recognition", <i>Proc Natl Acad Sci U S A</i> (2001) 98(16):9237-9242	<input type="checkbox"/>
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First Named Inventor	Dow, Steven W.
Art Unit	1643
Examiner Name	HOLLERAN, Anne L.
Attorney Docket Number	021819-000300US

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	NM	BAYEVER, et al. "Systemic administration of a phosphorothioate oligonucleotide with a sequence complementary to p53 for acute myelogenous leukemia and myelodysplastic syndrome: Initial results of a phase I trial", <i>Antisense Res Dev.</i> (1993) 3(4):383-390	<input type="checkbox"/>
	NN	BENNETT, C.F. "Intracellular Delivery of Oligonucleotides with Cationic Liposomes", <i>Delivery Strategies for Antisense Oligonucleotide Therapeutics</i> , (1995) Akthar, Ed.: 223-32 (Abstract)	<input type="checkbox"/>
	NO	BENNETT, R.M., et al. "DNA binding to human leukocytes. Evidence for a receptor-mediated association, internalization, and degradation of DNA", <i>J Clin Invest</i> (1985) 76(6):2182-2190	<input type="checkbox"/>
	NP	BIANCO, et al. "Cationic carbon nanotubes bind to CpG oligodeoxynucleotides and enhance their immunostimulatory properties", <i>J Am Chem Soc.</i> (2005) 127(1):58-59	<input type="checkbox"/>
	NQ	BIOLABS 1988-1989 Catalog, Random Primer #s 1230, 1601, 1602	<input type="checkbox"/>
	NR	BLAXTER, et al. "Genes expressed in <i>Brugia malayi</i> infective third stage larvae", <i>Molecular and Biochemical Parasitology</i> (1996) 77:77-93	<input type="checkbox"/>
	NS	BLAZAR, et al. "Synthetic unmethylated cytosine-phosphate-guanosine oligodeoxynucleotides are potent stimulators of antileukemia responses in naïve and bone marrow transplant recipients", <i>Blood</i> (2001) 98(4):1217-1225	<input type="checkbox"/>
	NT	BOGGS, et al. "Characterization and modulation of immune stimulation by modified oligonucleotides", <i>Antisense Nucleic Acid Drug Dev</i> (1997) 7(5):461-471	<input type="checkbox"/>
	NU	BOWERSOCK, et al. "Evaluation of an orally administered vaccine, using hydrogels containing bacterial exotoxins of <i>Pasteurella haemolytica</i> , in cattle", <i>Am J Vet Res</i> (1994) 55(4):502-509	<input type="checkbox"/>
	NV	BRANDA, R.F., et al. "Immune stimulation by an antisense oligomer complementary to the rev gene of HIV-1", <i>Biochemical Pharmacology</i> (1993) 45(10):2037-2043	<input type="checkbox"/>
	NW	BRANDA, et al "B-cell proliferation and differentiation in common variable immunodeficiency patients produced by an antisense oligomer to the rev gene of HIV-1", <i>Clin Immunol Immunopathol</i> (1996) 79(2):115-121	<input type="checkbox"/>
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			<i>Examiner Name</i>	HOLLERAN, Anne L.	
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	NX	BRANDA, et al "Amplification of antibody production by phosphorothioate oligodeoxynucleotides", <i>J Lab Clin Med</i> (1996) 128(3):329-333	<input type="checkbox"/>		
	NY	BRIGNOLE, et al. "Immune cell-mediated antitumor activities of GD2-targeted liposomal c-myc antisense oligonucleotides containing CpG motifs", <i>J Natl Cancer Inst</i> (2004) 96(15):1171-1180	<input type="checkbox"/>		
	NZ	BRISKIN, M., et al. "Lipopolysaccharide - unresponsive mutant pre-B-cell lines blocked in NF-kappa B Activation", <i>Mol Cell Biol</i> (1990) 10(1):422-425	<input type="checkbox"/>		
	OA	BROIDE, et al. "Immunostimulatory DNA sequences inhibit IL-5, eosinophilic inflammation, and airway hyperresponsiveness in mice", <i>J Immunol.</i> (1998) 161(12):7054-7062	<input type="checkbox"/>		
	OB	BROIDE, et al. "DNA-based immunization for asthma", <i>Int Arch Allergy Immunol.</i> (1999) 118(2-4):453-456	<input type="checkbox"/>		
	OC	BRUNNER, et al. "Enhanced dendritic cell maturation by TNF-alpha or cytidine-hosphate-guanosine DNA drives T cell activation in vitro and therapeutic anti-tumor immune responses in vivo", <i>J Immunol.</i> (2000) 165(11):6278-6286	<input type="checkbox"/>		
	OD	CARPENTIER, et al. "Successful treatment of intracranial gliomas in rat by oligodeoxynucleotides containing CpG motifs", <i>Clin Cancer Res.</i> (2000) 6(6):2469-2473	<input type="checkbox"/>		
	OE	CHACE, et al. "Regulation of Differentiation in CD5+ and Conventional B Cells", <i>Clinical Immunology and Immunopathology</i> (1993) 68(3):237-332	<input type="checkbox"/>		
	OF	CHACE, et al. "Bacterial DNA-induced NK cell IFN-gamma production is dependent on macrophage secretion of IL-12", <i>Clin Immunol Immunopathol</i> (1997) 84(2):185-193	<input type="checkbox"/>		
	OG	CHAN, et al. "CpG-A and CpG-B oligodeoxynucleotides differentially affect the cytokine profile, chemokine receptor expression and T-cell priming function of human plasmacytoid dendritic cells", <i>Blood</i> (2002) 11:50b. Abstract #3666	<input type="checkbox"/>		
	OH	CHANG, Y.N., et al. "The palindromic series I repeats in the simian cytomegalovirus major immediate-early promoter behave as both strong basal enhancers and cyclic AMP response elements", <i>J Virol</i> (1990) 64(1):264-277	<input type="checkbox"/>		
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	OI	CHANG, et al. "The effect of CpG-oligodeoxynucleotides with different backbone structures and 3' hexameric deoxyriboinosine run conjugation on the treatment of asthma in mice", <i>J Allergy Clin Immunol.</i> (2004) 113(2):S323. Abstract 1196	<input type="checkbox"/>	
	OJ	CHATURVERDI, et al. "Stabilization of triple-stranded oligonucleotide complexes: use of probes containing alternating phosphodiester and stereo-uniform cationic phosphoramidate linkages", <i>Nucleic Acids Res.</i> (1996) 24(12):2318-2323	<input type="checkbox"/>	
	OK	CHEN, et al. "Protective immunity induced by oral immunization with a rotavirus DNA vaccine encapsulated in microparticles", <i>J. Virol.</i> (1998) 72(7):5757-5761	<input type="checkbox"/>	
	OL	CHOI, et al. "The level of protection against rotavirus shedding in mice following immunization with a chimeric VP6 protein is dependent on the route and the coadministered adjuvant", <i>Vaccine</i> (2002) 20(13-14):1753-1740	<input type="checkbox"/>	
	OM	CHU, R.S., et al. "CpG oligodeoxynucleotides act as adjuvants that switch on T helper (Th1) immunity", <i>J Exp Med</i> (1997) 186(10):1623-1631	<input type="checkbox"/>	
	ON	COHEN "Selective anti-gene therapy for cancer: principles and prospects", <i>Tohoku J Exp Med.</i> (1992) 168(2):351-358	<input type="checkbox"/>	
	OO	COOPER, et al. "Safety and immunogenicity of CPG 7909 injection as an adjuvant to Fluarix influenza vaccine", <i>Vaccine</i> (2004) 22(23-24):3136-3143	<input type="checkbox"/>	
	OP	COSSUM, et al. "Disposition of the 14C-labeled phosphorothioate oligonucleotide ISIS 2105 after intravenous administration to rats", <i>J Pharmacol Exp Ther</i> (1993) 267(3):1181-1190	<input type="checkbox"/>	
	OQ	COWDERY, et al. "Bacterial DNA induces NK cells to produce IFN-gamma in vivo and increases the toxicity of lipopolysaccharides", <i>J Immunol.</i> (1996) 156(12):4570-4575	<input type="checkbox"/>	
	OR	COWSERT, et al. "In vitro evaluation of phosphorothioate oligonucleotides targeted to the E2 mRNA of papillomavirus: potential treatment for genital warts", <i>Antimicrob Agents Chemother</i> (1993) 37(2):171-177	<input type="checkbox"/>	
	OS	CROOKE, et al. "Phosphorothioate Oligonucleotides", <i>Therapeut Apps.</i> (1995) Ch5:63-84	<input type="checkbox"/>	
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	OT	CROSBY, et al. "The Early Responses Gene FGFI-C Encodes a Zinc Finger Transcriptional Activator and is a Member of the GCGGGGCG (GSG) Element-Binding Protein Family" <i>Mol. Cell Biol.</i> (1991) 2:3835-3841	<input type="checkbox"/>
	OU	CRYSTAL "Transfer of Genes to Humans: Early Lessons and Obstacles to Success", <i>Science</i> (1995) 270:404-410	<input type="checkbox"/>
	OV	CRYZ, et al. "European Commission COST/STD initiative. Report of the expert panel VII. Vaccine delivery systems", <i>Vaccine</i> (1996) 14(7):665-690	<input type="checkbox"/>
	OW	DAFTARIAN, et al. "Two distinct pathways of immuno-modulation improve potency of p53 immunization in rejecting established tumors", <i>Cancer Res.</i> (2004) 64(15):5407-5414	<input type="checkbox"/>
	OX	DAHESHIA, et al. "Immune induction and modulation by topical ocular administration of plasmid DNA encoding antigens and cytokines", <i>Vaccine</i> (1998) 16(11-12):1103-1110	<input type="checkbox"/>
	OY	DALPKE, et al. "CpG-DNA as immune response modifier", <i>Int J Med Microbiol</i> (2004) 294(5):345-354	<input type="checkbox"/>
	OZ	DASS, et al. "Immunostimulatory activity of cationic lipid-nucleic-acid complexes against cancer", <i>J Cancer Res Clin Oncol</i> (2002) 128(4):177-181	<input type="checkbox"/>
	PA	DAVILA, et al. "Generation of antitumor immunity by cytotoxic T lymphocyte epitope peptide vaccination, CpG-oligodeoxynucleotide adjuvant, and CTLA-4 blockade", <i>Cancer Res.</i> (2003) 63(12):3281-3288	<input type="checkbox"/>
	PB	DAVIS et al. <i>Journal of Immunology</i> (1998) 160:870-876	<input type="checkbox"/>
	PC	DAVIS, "Use of CpG DNA for enhancing specific immune responses", <i>Curr Top Microbiol Immunol.</i> (2000) 247:171-183	<input type="checkbox"/>
	PD	DAVIS, et al. "CpG ODN is safe and highly effective in humans as adjuvant to HBV vaccine: Preliminary results of Phase I trial with CpG ODN 7909", <i>Third Annual Conference on Vaccine Res.</i> (2000) Abstract s25, number 47	<input type="checkbox"/>
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	PE	DELONG, et al. "Characterization of complexes of oligonucleotides with polyamidoamine starburst dendrimers and effects on intracellular delivery", <i>J Pharm Sci.</i> (1997) 86(6):762-764	<input type="checkbox"/>		
	PF	DOW, et al. "Lipid-DNA complexes induce potent activation of innate immune responses and antitumor activity when administered intravenously", <i>J Immunology</i> (1999) 163(3):1552-1561	<input type="checkbox"/>		
	PG	DRYGA, et al. <i>Vopr. Virusol.</i> (41(3):100-104	<input type="checkbox"/>		
	PH	ELDRIDGE, et al. "Biodegradable microspheres as a vaccine delivery system", <i>Mol Immunol.</i> (1991) 28(3):287-294. Abstract Only	<input type="checkbox"/>		
	PI	EMI, et al. "Gene transfer mediated by polyarginine requires a formation of big carrier-complex of DNA aggregate", <i>Biochem Biophys Res Commun.</i> (1997) 231(2):421-424	<input type="checkbox"/>		
	PJ	ENGLISCH, et al. "Chemically Modified Oligonucleotides as Probes and Inhibitors", <i>Angew Chem. Int. Ed. Engl.</i> (1991) 30:613-629	<input type="checkbox"/>		
	PK	ERB, K.J., et al. "Infection of mice with <i>Mycobacterium bovis</i> - <i>Bacillus Calmette-Guerin</i> (BCG) suppresses allergen-induced airway eosinophilia", <i>J Exp Med</i> (1998) 187(4):561-569	<input type="checkbox"/>		
	PL	ETLINGER, "Carrier sequence selection - one key to successful vaccines", <i>Immunology Today</i> (1992) 13(2):52-55	<input type="checkbox"/>		
	PM	FILION, et al. "Major limitations in the use of cationic liposomes for DNA delivery", <i>Int J Pharmaceut</i> (1998) 162:159-170	<input type="checkbox"/>		
	PN	FOX, R.I. "Mechanism of action of hydroxychloroquine as an antirheumatic drug", <i>Chemical Abstracts</i> (1994) 120:15, Abstract No. 182630	<input type="checkbox"/>		
	PO	FRALEY, et al. "New generation liposomes: the engineering of an efficient vehicle for intracellular delivery of nucleic acids", <i>Trends Biochem Sci.</i> (1981) 6:77-80	<input type="checkbox"/>		
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	PP	FRANCOIS, D.T., et al. "Examination of the inhibitory and stimulatory effects of IFN- $\alpha$ , - $\beta$ , and - $\gamma$ on human B-Cell proliferation induced by various B-Cell mitogens", <i>Clinical Immunology and Immunopathology</i> (1988) 48:297-306	<input type="checkbox"/>	
	PQ	GALLICHAN, et al. "Specific secretory immune responses in the female genital tract following intranasal immunization with a recombinant adenovirus expressing glycoprotein B of herpes simplex virus", <i>Vaccine</i> (1995) 13(16):1589-1595	<input type="checkbox"/>	
	PR	GALLICHAN, et al. "Intranasal immunization with CpG oligodeoxynucleotides as an adjuvant dramatically increases IgA and protection against herpes simplex virus-2 in the genital tract", <i>J Immunol.</i> (2001) 166(5):3451-3457	<input type="checkbox"/>	
	PS	GAO, ET AL. "Bacterial DNA and lipopolysaccharide induce synergistic production of TNF- $\alpha$ through a post-transcriptional mechanism", <i>J Immunol.</i> (2001) 166(11):6855-6860	<input type="checkbox"/>	
	PT	GARBI, et al. "CpG motifs as proinflammatory factors render autochthonous tumors permissive for infiltration and destruction", <i>J Immunol.</i> (2004) 172(10):5861-5869	<input type="checkbox"/>	
	PU	GAREGG, et al. "Nucleoside H-phosphonates. IV. Automated solid phase synthesis of oligoribonucleotides by the hydrogenphosphonate approach", <i>Tetrahedron Lett.</i> (1986) 27(34):4055-4058	<input type="checkbox"/>	
	PV	GASTON, et al. "CpG methylation has differential effects on the binding of YY1 and ETS proteins to the bi-directional promoter of the Surf-1 and Surf-2 genes", <i>Nucleic Acids Res.</i> (1995) 23(6):901-906	<input type="checkbox"/>	
	PW	GEISSLER, et al. "Enhancement of cellular and humoral immune responses to hepatitis C virus core protein using DNA-based vaccines augmented with cytokine-expressing plasmids", <i>J Immunol</i> (1997) 158(3):1231-1237	<input type="checkbox"/>	
	PX	GOODMAN, et al. "Selective modulation of elements of the immune system by low molecular weight nucleosides", <i>J Pharmacol Exp Ther.</i> (1995) 274(3):1552-1557	<input type="checkbox"/>	
	PY	GOUTTEFANGEAS, et al. "Problem solving for tumor immunotherapy", <i>Nat Biotechnol.</i> (2000) 18(5):491-492	<input type="checkbox"/>	
	PZ	GREGORIADIS, et al. "Liposomes for drugs and vaccines", <i>Trends Biotechnol.</i> (1985) 3:235-241	<input type="checkbox"/>	
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	QA	GREGORIADIS "Immunological adjuvants: a role of liposomes", <i>Immunology Today</i> (1990) 11(3):89-97	<input type="checkbox"/>
	QB	GREGORIADIS, et al. "Engineering liposomes for drug delivery: progress and problems", <i>Trends Biotechnol.</i> (1995) 13(12):527-537	<input type="checkbox"/>
	QC	GROSSMANN, et al. "Avoiding tolerance against prostatic antigens with subdominant peptide epitopes", <i>J Immunother.</i> (2001) 24(3):237-241	<input type="checkbox"/>
	QD	GURA, T., "Antisense has growing pains", <i>Science</i> (1995) 270:575-576	<input type="checkbox"/>
	QE	GURSEL, et al. "Differential and competitive activation of human immune cells by distinct classes of CpG oligodeoxynucleotide", <i>J Leukoc Biol.</i> (2002) 71(5):813-820	<input type="checkbox"/>
	QF	GURSEL, et al. "Sterically stabilized cationic liposomes improve the uptake and immunostimulatory activity of CpG oligonucleotides", <i>J Immunol.</i> (2001) 167(6):3324-3328	<input type="checkbox"/>
	QG	HADDEN, et al. "Immunostimulants", <i>Trends Pharmacol Sci.</i> (1993) 141:169-174	<input type="checkbox"/>
	QH	HADDEN, et al. "Immunopharmacology", <i>JAMA</i> (1992) 268(20):2964-2969	<input type="checkbox"/>
	QI	HAFNER, et al. "Antimetastatic effect of CpG DNA mediated by type I IFN", <i>Cancer Res.</i> (2001) 61(14):5523-5528	<input type="checkbox"/>
	QJ	HAFIM, et al. "Efficacy of polyadenylic polyuridylic acid in the treatment of chronic active hepatitis B", <i>Int J Immunopharmacol.</i> (1994) 16(3):217-225	<input type="checkbox"/>
	QK	HALPERN, et al. "Bacterial DNA induces murine interferon-gamma production by stimulation of interleukin-12 and tumor necrosis factor-alpha", <i>Cell Immunol.</i> (1996) 167(1):72-78	<input type="checkbox"/>
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	QL	HANEBERG, et al. "Induction of specific immunoglobulin A in the small intestine, colon-rectum, and vagina measured by a new method for collection of secretions from local mucosal surfaces", <i>Infect. Immun.</i> 62(1):15-23	<input type="checkbox"/>
	QM	HARRINGTON, et al. "Adjuvant effects of low doses of a nuclease-resistant derivative of polyinosinic acid . polycytidylic acid on antibody responses of monkeys to inactivated Venezuelan equine encephalomyelitis virus vaccine", <i>Infect Immun.</i> (1979) 24(1):160-166	<input type="checkbox"/>
	QN	HARTMANN, et al. "CpG DNA and LPS induce distinct patterns of activation in human monocytes", <i>Gene Ther.</i> (1999) 6(5):893-903	<input type="checkbox"/>
	QO	HARTMANN, et al. "Mechanism and function of a newly identified CpG DNA motif in human primary B cells", <i>J. Immunol.</i> (2000) 164(2):944-953	<input type="checkbox"/>
	QP	HARTMANN, et al. "Spontaneous and cationic lipid-mediated uptake of antisense oligonucleotides in human monocytes and lymphocytes", <i>J Pharmacol Exp Ther.</i> (1998) 285(2):920-928	<input type="checkbox"/>
	QQ	HARTMANN, et al. "Delineation of a CpG phosphorothioate oligodeoxynucleotide for activating primate immune responses in vitro and in vivo", <i>J Immunol.</i> (2000) 164(3):1617-1624	<input type="checkbox"/>
	QR	HARTMANN, et al. "CpG DNA: a potent signal for growth, activation, and maturation of human dendritic cells", <i>Proc Natl Acad Sci USA</i> (1999) 96(16):9305-9310	<input type="checkbox"/>
	QS	HATZFELD, J., et al. "Release of Early Human Hematopoietic Progenitors from Quiescence by Antisense Transforming Growth Factor $\beta$ 1 or Rb Oligonucleotides", <i>J. Exp. Med.</i> , (1991) 174:925-929	<input type="checkbox"/>
	QT	HAYNES, et al. "Particle-mediated nucleic acid immunization", <i>J Biotechnol.</i> (1996) 44(1-3):37-42	<input type="checkbox"/>
	QU	HECKELSMILLER, et al. "Peritumoral CpG DNA elicits a coordinated response of CD8 T cells and innate effectors to cure established tumors in a murine colon carcinoma model", <i>J Immunol.</i> (2002) 169(7):3892-3899	<input type="checkbox"/>

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			<i>Art Unit</i>	1643
			<i>Examiner Name</i>	HOLLERAN, Anne L.
			<i>Attorney Docket Number</i>	021819-000300US
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	QV	HEEG, et al. "CpG DNA as a Th1 trigger", <i>Int Arch Allergy Immunol.</i> (2000) 121(2):87-97	<input type="checkbox"/>	
	QW	HENRY, et al. "Chemically modified oligonucleotides exhibit decreased immune stimulation in mice", <i>J Pharmacol Exp Ther.</i> (2000) 292(2):468-479	<input type="checkbox"/>	
	QX	HIGHFIELD, P.E., "Sepsis: the More, the Murkier", <i>Biotechnology</i> (1994) 12:828	<input type="checkbox"/>	
	QY	HIGAKI, et al. "Mechanisms involved in the inhibition of growth of a human B lymphoma cell line B104, by anti-MHC class II antibodies", <i>Immunol Cell Biol.</i> (1994) 72(3):205-214	<input type="checkbox"/>	
	QZ	HINKULA, et al. "Recognition of prominent viral epitopes induced by immunization with human immunodeficiency virus type I regulatory genes", <i>J Virol</i> (1997) 71(7):5528-5539	<input type="checkbox"/>	
	RA	HOEFFLER, J.P., et al. "Identification of multiple nuclear factors that interact with cyclic adenosine 3',5'-monophosphate response element-binding protein and activating transcription factor-2 by protein-protein interactions", <i>Mol Endocrinol</i> (1991) 5(2):256-266	<input type="checkbox"/>	
	RB	HOPKIN, et al. "Curbing the CpGs of Bacterial and Viral DNA", <i>BioMedNet.</i> (1999) June 25; Issue 57	<input type="checkbox"/>	
	RC	HSU, <i>Nature Med.</i> (1996) 2(5):540-544	<input type="checkbox"/>	
	RD	HUANG, et al. "Induction and regulation of Th1-inducing cytokines by bacterial DNA, lipopolysaccharide, and heat-inactivated bacteria", <i>Infect Immun.</i> (1999) 67(12):6257-6263	<input type="checkbox"/>	
	RE	HUDSON, et al. "Nucleic acid dendrimers: Novel biopolymer structures", <i>J Am Chem Soc.</i> (1993) 115:2119-2124	<input type="checkbox"/>	
	RF	HUNTER, et al. "Biodegradable microspheres containing group B-Streptococcus vaccine: immune response in mice", <i>Am J Obstet Gynecol.</i> (2001) 185(5):1174-1179	<input type="checkbox"/>	
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	RG	IGUCHI-ARIGA, S.M., et al. "CpG methylation of the cAMP -responsive enhance/promoter sequence TGACGTCA abolishes specific factor binding protein and as well as transcriptional activation", <i>Genes Dev</i> (1989) 3(5):612-619	<input type="checkbox"/>	
	RH	IHO, et al. "Oligodeoxynucleotides containing palindrome sequences with internal 5'-CpG-3' act directly on human NK and activated T cells to induce IFN-gamma production in vitro", <i>J Immunol.</i> (1999) 163(7):3642-3652	<input type="checkbox"/>	
	RI	IOANNOU, et al. "The immunogenicity and protective efficacy of bovine herpesvirus 1 glycoprotein D plus Emulsigen are increased by formulation with CpG oligodeoxy nucleotides", <i>J Virol.</i> (2002) 76(18):9002-9010	<input type="checkbox"/>	
	RJ	International Search Report for PCT/US95/01570 (July 5, 1995)	<input type="checkbox"/>	
	RK	ISHIKAWA, R., et al. "IFN induction and associated changes in splenic leukocyte distribution", <i>J Immunol</i> (1993) 150(9):3713-3727	<input type="checkbox"/>	
	RL	IVERSON, et al. "In vivo studies with phosphorothioate oligonucleotides: pharmacokinetics prologue", <i>Anticancer Drug Des.</i> (1991) 6(6):531-538	<input type="checkbox"/>	
	RM	IVERSON, et al. "Pharmacokinetics of an antisense phosphorothioate oligodeoxynucleotide against rev from human immunodeficiency virus type1 in the adult male rat following single injections and continuous infusion", <i>Antisense Res Dev.</i> (1994) 4(1):43-52	<input type="checkbox"/>	
	RN	JACOBSON, et al. "Early viral response and on treatment response to CpG 10101 (ACTILON™), in combination with pegylated interferon and/or ribavirin, in chronic HCV genotype 1 infected patients with prior relapse response. 57th Annual Meeting of American Association for the Study of the Liver Diseases (AASLD). 2006 Oct 30. Boston, Mass; presented Abstract #96	<input type="checkbox"/>	
	RO	JAKOB, et al. "Activation of cutaneous dendritic cells by CpG-containing oligodeoxynucleotides: a role for dendritic cells in the augmentation of Th1 responses by immunostimulatory DNA", <i>J Immunol.</i> (1998) 161(6):3042-3049	<input type="checkbox"/>	
	RP	JAKOB, et al. "Bacterial DNA and CpG-containing oligodeoxynucleotides activate cutaneous dendritic cells and induce IL-12 production: implications for the augmentation of Th1 responses", <i>Int Arch Allergy Immunol</i> (1999) 118(2-4):457-461	<input type="checkbox"/>	

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	RQ	JAKWAY, J., et al. "Growth regulation of the B lymphoma cell line WEHI-231 by anti-immunoglobulin, lipopolysaccharide, and other bacterial products", <i>J. Immunol</i> (1996) 137(7):2225-2231	<input type="checkbox"/>	
	RR	JAROSZEWSKI, J., et al. "Cellular uptake of antisense oligonucleotides", <i>Adv Drug Delivery Rev</i> (1991) 6(3):235-250	<input type="checkbox"/>	
	RS	JASHKE, et al. "Automated incorporation of polyethylene glycol into synthetic oligonucleotides", <i>Tetrahedron Lett.</i> (1993) 34(2):301-304	<input type="checkbox"/>	
	RT	JIANG, et al. "Enhancing Immunogenicity by CpG DNA", <i>Curr Opin Mol Ther.</i> (2003) 5(2):180-185	<input type="checkbox"/>	
	RU	JIAO, et al. "Enhanced hepatitis C virus NS3 specific Th1 immune responses induced by co-delivery of protein antigen and CpG with cationic liposomes", <i>J Gen Virol</i> (2004) 85(Pt 6):1545-1553	<input type="checkbox"/>	
	RV	JOHNSON, et al. "Non-specific resistance against microbial infections induced by polyribonucleotide complexes. In: Immunopharmacology of infection diseases: Vaccine adjuvants and modulators of non-specific resistance (1987) 291-301	<input type="checkbox"/>	
	RW	JUFFERMANS, et al. "CpG oligodeoxynucleotides enhance host defense during murine tuberculosis", <i>Infect Immun</i> (2002) 70(1):147-152	<input type="checkbox"/>	
	RX	KANDIMALLA, et al. "A dinucleotide motif in oligonucleotides shows potent immunomodulatory activity and overrides species-specific recognition observed with CpG motif", <i>Proc Natl Acad Sci USA</i> (2003) 100(24):14303-14308	<input type="checkbox"/>	
	RY	KANDIMALLA, et al. "Effect of chemical modifications of cytosine and guanine in a CpG-motif of oligonucleotides: structure-immunostimulatory activity relationships", <i>Bioorg Med Chem</i> (2001) 9(3):807-813	<input type="checkbox"/>	
	RZ	KANDIMALLA, et al. "Towards optimal design of second-generation immunomodulatory oligonucleotides", <i>Curr Opin Mol Ther</i> (2002) 4(2):122-129	<input type="checkbox"/>	
	SA	KANDIMALLA, et al. "Divergent synthetic nucleotide motif recognition patterns: design and development of potent immunomodulatory oligodeoxyribonucleotide agents with distinct cytokine induction profiles", <i>Nucleic Acids Res</i> (2003) 31(9):2393-2400	<input type="checkbox"/>	
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	SB	KATAOKA, T., et al. "Immunotherapeutic potential in guinea-pig tumor model of deoxyribonucleic acid from <i>Mycobacterium bovis</i> BCG complexed with poly-L-lysine and carboxymethylcellulose", <i>Jpn J Med Sci Biol</i> (1990) 43(5):171-182	<input type="checkbox"/>	
	SC	KATAOKA, T., et al. "Antitumor activity of synthetic oligonucleotides with sequences from cDNA encoding proteins of <i>Mycobacterium bovis</i> BCG", <i>Japanese Journal of Cancer Research</i> (1992) 83:244-247	<input type="checkbox"/>	
	SD	KIMURA, Y., et al. "Binding of Oligoguanylate to Scavenger Receptors is Required for Oligonucleotides to Augment NK Cell Activity and Induce IFN", <i>J. Biochem</i> (1994) 116(5):991-994	<input type="checkbox"/>	
	SE	KLINE, J. N., et al. "CpG motif oligonucleotides are effective in prevention of eosinophilic inflammation in a murine model of asthma", <i>J Invest Med</i> (1996) 44(7):380A	<input type="checkbox"/>	
	SF	KLINE, J. N., et al. "CpG oligonucleotides can reverse as well as prevent TH2-mediated inflammation in a murine model of asthma", <i>J Invest Med</i> (1997) 45(7):298A	<input type="checkbox"/>	
	SG	KLINE, J. N., et al. "Immune redirection by CpG oligonucleotides. Conversion of a Th2 response to a Th1 response in a murine model of asthma", <i>J Invest Med.</i> (1997) 45(3):282A	<input type="checkbox"/>	
	SH	KLINE, et al. "Modulation of airway inflammation by CpG oligodeoxynucleotides in a murine model of asthma", <i>J Immunol.</i> (1998) 160(6):2555-2559	<input type="checkbox"/>	
	SI	KLINMAN, DM., et al. "CpG motifs present in bacteria DNA rapidly induce lymphocytes to secrete interleukin 6, interleukin 12, and interferon gamma", <i>Proc Natl Acad Sci USA</i> (1996) 93(7):2879-2883	<input type="checkbox"/>	
	SJ	KLINMAN, et al. "Contribution of CpG motifs to the immunogenicity of DNA vaccines", <i>J Immunol.</i> (1997) 158(8):3635-3639	<input type="checkbox"/>	
	SK	KLINMAN, et al. "Immune recognition of foreign DNA: a cure for bioterrorism?" <i>Immunity</i> (1999) 11(2):123-129	<input type="checkbox"/>	
	SL	KLINMAN, et al. "Immunotherapeutic applications of CpG-containing oligodeoxynucleotides", <i>Drug News Perspect.</i> (2000) 13(5):289-296	<input type="checkbox"/>	
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	SM	KLINMAN, et al. "Immunotherapeutic uses of CpG oligodeoxynucleotides", <i>Nat Rev Immunol</i> (2004) 4(4):249-258	<input type="checkbox"/>
	SN	KNIFE, et al., eds., <i>Fields' Virology</i> (2001)1:1004-1016	<input type="checkbox"/>
	SO	KNIFE, et al., eds., <i>Fields' Virology</i> (2001)1:1564	<input type="checkbox"/>
	SP	KOVARIK, et al. "CpG oligodeoxynucleotides can circumvent the Th2 polarization of neonatal responses to vaccines but may fail to fully redirect Th2 responses established by neonatal priming", <i>J. Immunol</i> (1999) 162(3):1611-1617	<input type="checkbox"/>
	SQ	KRANZER, et al. "CpG-oligodeoxynucleotides enhance T-cell receptor-triggered interferon-gamma production and up-regulation of CD69 via induction of antigen-presenting cell-derived interferon type 1 and interleukin-12." <i>Immunology</i> (2000) 99(2):170-178	<input type="checkbox"/>
	SR	KRIEG, et al. "A role for endogenous retroviral sequences in the regulation of lymphocyte activation", <i>J Immunol.</i> (1989) 143(8):2448-2451	<input type="checkbox"/>
	SS	KRIEG, et al. "A role for endogenous retroviral sequences in the regulation of lymphocyte activation", <i>J Immunol.</i> (1989) 143(8):2448-2451	<input type="checkbox"/>
	ST	KRIEG, et al. "Uptake of oligodeoxyribonucleotides by lymphoid cells is heterogeneous and inducible", <i>Antisense Res Dev</i> (1991) 1(2):161-171	<input type="checkbox"/>
	SU	KRIEG, et al. "Modification of antisense phosphodiester oligodeoxynucleotides by a 5' cholesteryl moiety increases cellular association and improves efficacy", <i>Proc Natl Acad Sci USA</i> (1993) 90(3):1048-1052	<input type="checkbox"/>
	SV	KRIEG, et al. "Lymphocyte activation mediated by oligodeoxynucleotides or DNA containing novel un-methylated CpG motifs", American College of Rheumatology 58th National Scientific Meeting. Minneapolis, MN, October 22, 1994. Abstracts. <i>Arthritis Rheum.</i> (1994) 37(9 Suppl).	<input type="checkbox"/>

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	SW	KRIEG, et al. "Phosphorothioate oligodeoxynucleotides: antisense or anti-protein?", <i>Antisense Res Dev.</i> (1995) 5(4):241	<input type="checkbox"/>	
	SX	KRIEG "CpG DNA: a pathogenic factor in systemic lupus erythematosus? <i>J Clin Immunol</i> (1995) 15(6):284-292	<input type="checkbox"/>	
	SY	KRIEG, et al. "Infection", in McGraw Hill Book. (1996) pp. 242-243	<input type="checkbox"/>	
	SZ	KRIEG, et al. "Oligodeoxynucleotide modifications determine the magnitude of B cell stimulation by CpG motifs", <i>Antisense Nucleic Acid Drug Dev</i> (1996) 6(2):133-139	<input type="checkbox"/>	
	TA	KRIEG, et al. "An innate immune defense mechanism based on the recognition of CpG motifs in microbial DNA", <i>J Lab Clin Med</i> (1996) 128(2):128-133	<input type="checkbox"/>	
	TB	KRIEG, et al. "Bacterial DNA or oligonucleotides containing CpG motifs protect mice from lethal <i>L. monocytogenes</i> challenge", <i>1996 Meeting on Molecular Approaches to the Control of Infectious Diseases</i> , Cold Spring Harbor Laboratory, (1996): 116	<input type="checkbox"/>	
	TC	KRIEG, et al. "Unmethylated CpG DNA protects mice from lethal <i>listeria monocytogenes</i> challenge", <i>Vaccines</i> (1997) 97:77-79	<input type="checkbox"/>	
	TD	KRIEG, et al. "Leukocyte stimulation by oligodeoxynucleotides", <i>Applied Antisense Oligonucleotide Technology</i> (1998) pp. 431-448	<input type="checkbox"/>	
	TE	KRIEG, et al. "The role of CpG dinucleotides in DNA vaccines", <i>Trends in Microbiology</i> (1998) 6(1):23-27	<input type="checkbox"/>	
	TF	KRIEG, et al. "Sequence motifs in adenoviral DNA block immune activation by stimulatory CpG motifs", <i>Proc Natl Acad Sci USA</i> (1998) 95(21):12631-12636	<input type="checkbox"/>	
	TG	KRIEG, et al. "The CpG motif: Implications for clinical immunology", <i>BioDrugs</i> (1998) 10(5):341-346	<input type="checkbox"/>	
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	TH	KRIEG, et al. Chapter 8: "Immune Stimulation by Oligonucleotides" in: <i>Antisense Research and Application</i> , Crooke, editor, (1998) pp. 243-262	<input type="checkbox"/>
	TI	KRIEG, et al. "CpG DNA induces sustained IL-12 expression in vivo and resistance to <i>Listeria monocytogenes</i> challenge", <i>J Immunol.</i> (1998) 161(5):2428-2434	<input type="checkbox"/>
	TJ	KRIEG, et al. "Direct immunologic activities of CpG DNA and implications for gene therapy", <i>J Gene Med.</i> (1999) 1(1):56-63	<input type="checkbox"/>
	TK	KRIEG, et al. "Mechanisms and applications of immune stimulatory CpG oligodeoxy nucleotides", <i>Biochim Biophys Acta</i> (1999) 1489(1):107-116	<input type="checkbox"/>
	TL	KRIEG, et al. "Applications of immune stimulatory CpG DNA for antigen-specific and antigen-non-specific cancer immunotherapy", <i>Eur J Canc.</i> (1999) 35/Suppl4:S10. Abstract #14	<input type="checkbox"/>
	TM	KRIEG, et al. "How to exclude immunostimulatory and other nonantisense effects of antisense oligonucleotides", <i>Manual of Antisense</i> (1999) pp. 79-89	<input type="checkbox"/>
	TN	KRIEG, et al. "Mechanisms and therapeutic applications of immune stimulatory CpG DNA", <i>Pharmacol Ther.</i> (1999) 84(2):113-120	<input type="checkbox"/>
	TO	KRIEG, et al. "CpG DNA: a novel immunomodulator", <i>Trends Microbiol.</i> (1999) 7(2):64-65	<input type="checkbox"/>
	TP	KRIEG, et al. "The role of CpG motifs in innate immunity", <i>Curr Opin Immunol.</i> (2000) 12(1):35-43	<input type="checkbox"/>
	TQ	KRIEG, et al. "Signal transduction induced by immunostimulatory CpG DNA", <i>Springer Semin Immunopathol</i> (2000) 22(1-2):97-105	<input type="checkbox"/>
	TR	KRIEG, et al. "Rescue of B cells from apoptosis by immune stimulatory CpG DNA", <i>Springer Semin Immunopathol.</i> (2000) 22(1-2):55-61	<input type="checkbox"/>
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				<i>Examiner Name</i>	HOLLERAN, Anne L.
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	TS	KRIEG, et al. "Mechanism of action of CpG DNA", <i>Curr Top Microbiol Immunol</i> (2000) 247:1-21	<input type="checkbox"/>		
	TT	KRIEG, et al. "Rescue of B cells from apoptosis by immune stimulatory CpG DNA", <i>Springer Semin Immunopathol</i> (2000) 22(1-2):55-61	<input type="checkbox"/>		
	TU	KRIEG, et al. "Immune effects and therapeutic applications of CpG motifs in bacterial DNA", <i>Immunopharmacology</i> (2000) 48(3):303-305	<input type="checkbox"/>		
	TV	KRIEG, et al. "Causing a commotion in the blood: immunotherapy progresses from bacteria to bacterial DNA" <i>Immuol Today</i> (2000) 21(10):521-526	<input type="checkbox"/>		
	TW	KRIEG, et al. "Now I know my CpGs", <i>Trends Microbiol.</i> (2001) 9(6):249-252	<input type="checkbox"/>		
	TX	KRIEG, et al. "Enhancing vaccines with immune stimulatory CpG DNA", <i>Curr Opin Mol Ther.</i> (2001) 3(1):15-24	<input type="checkbox"/>		
	TY	KRIEG, et al. Chapter 7: "CpG oligonucleotides as immune adjuvants", <i>Ernst Schering Research Found Workshop</i> (2001) 30:105-118	<input type="checkbox"/>		
	TZ	KRIEG, et al. "Immune effects and mechanisms of action of CpG motifs", <i>Vaccine</i> (2001) 129(6):618-622	<input type="checkbox"/>		
	UA	KRIEG, et al. Chapter 17: Immune stimulation by oligonucleotides", <i>Antisense Drug Tech.</i> (2001) 1894:471-515	<input type="checkbox"/>		
	UB	KRIEG, et al. "CpG motifs in bacterial DNA and their immune effects", <i>Annu Rev Immunol.</i> (2002) 20:709-760	<input type="checkbox"/>		
	UC	KRIEG, et al. "Induction of systemic TH1-like innate immunity in normal volunteers following subcutaneous but not intravenous administration of CPG 7909, a synthetic B-class CpG oligodeoxynucleotide TLR9 agonist", <i>J Immunother</i> (2004) 27(6):460-471	<input type="checkbox"/>		
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	UD	KRIEG, et al. "P-chirality-dependent immune activation by phosphorothioate CpG oligodeoxynucleotides", <i>Oligonucleotides</i> (2003) 13(6):491-499	<input type="checkbox"/>
	UE	KRIEG, et al. "Therapeutic potential of Toll-like receptor 9 activation", <i>Nat Rev Drug Discov</i> (2006) 5(6):471-484	<input type="checkbox"/>
	UF	KRIEG, et al. "Antiinfective applications of toll-like receptor 9 agonists", <i>Proc. Am Thorac Soc.</i> (2007) 4(3):289-294	<input type="checkbox"/>
	UG	KUBY, <i>Immunology</i> , (1994) Chapter 13	<input type="checkbox"/>
	UH	KUKOWSKA-LATALLO, et al. "Efficient transfer of genetic material into mammalian cells using Starburst polyamidoamine dendrimers", <i>Proc Natl Acad Sci USA</i> (1996) 93(10):4897-4902	<input type="checkbox"/>
	UI	KURAMOTO, et al. "In situ infiltration of natural killer-like cells induced by intradermal injection of the nucleic acid fraction from BCG", <i>Microbiol Immunol</i> (1989) 33(11):929-940	<input type="checkbox"/>
	UJ	KURAMOTO, et al. "Induction of T-cell-mediated immunity against MethA fibrosarcoma by intratumoral injections of a bacillus Calmette-Guerin nucleic acid fraction", <i>Cancer Immunol Immunother.</i> (1992) 34(5):283-288	<input type="checkbox"/>
	UK	KURAMOTO, et al. "Changes of host cell infiltration into Meth A fibrosarcoma tumor during the course of regression induced by injections of a BCG nucleic acid fraction", <i>Int J Immunopharmacol.</i> (1992) 14(5):773-782	<input type="checkbox"/>
	UL	KURAMOTO, et al. "Oligonucleotide Sequences Required for Natural Killer Cell Activation", <i>Jpn. J. Cancer Res</i> (1992) 83:1128-1131	<input type="checkbox"/>
	UM	LEDERMAN, et al. "Polydeoxyguanine motifs in a 12-mer phosphorothioate oligodeoxynucleotide augment binding to the v3 loop of HIV-1 gp120 and potency of HIV-1 inhibition independency of G-tetrad formation", <i>Antisense Nucleic Acid Drug Dev.</i> (1996) 6(4):281-289	<input type="checkbox"/>

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	UN	LEE, et al. "Immuno-stimulatory effects of bacterial-derived plasmids depend on the nature of the antigen in intramuscular DNA inoculations", <i>Immunology</i> (1998) 94(3):285-289	<input type="checkbox"/>	
	UO	LEIBSON, et al. "Role of gamma-interferon in antibody-producing responses", <i>Nature</i> (1984) 4:309(5971):799-801	<input type="checkbox"/>	
	UP	LEONARD, et al. "Conformation of Guanine 8-Oxoadenine Base Pairs in the Crystal Structure of d(CGCGAATT(8A)GCG):", <i>Biochemistry</i> (1992) 31(36):8415-8420	<input type="checkbox"/>	
	UQ	LETSINGER, et al. "Cholesteryl-conjugated oligonucleotides: synthesis, properties, and activity as inhibitors of replication of human immunodeficiency virus in cell culture", <i>Proc Natl Acad Sci USA</i> (1989) 86(17):6553-6556	<input type="checkbox"/>	
	UR	LETSINGER, et al. "Synthesis and properties of modified oligonucleotides", <i>Nucleic Acids Symp Ser.</i> (1991) 24:75-78	<input type="checkbox"/>	
	US	LI, et al. "Enhanced immune response to T-independent antigen by using CpG oligodeoxynucleotides encapsulated in liposomes", <i>Vaccine</i> (2001) 20(1-2):148-157	<input type="checkbox"/>	
	UT	LIPFORD, et al. "CpG-containing synthetic oligonucleotides promote B and cytotoxic T cell responses to protein antigen: a new class of vaccine adjuvants", <i>Eur J. Immunol</i> (1997) 27(9):2340-2344	<input type="checkbox"/>	
	UU	LIPFORD, et al. "Immunostimulatory DNA: sequence-dependent production of potentially harmful or useful cytokines", <i>Eur J Immunol</i> (1997) 27(12):3420-3426	<input type="checkbox"/>	
	UV	LIPFORD, et al. "Bacterial DNA as immune cell activator", <i>Trends Microbiol</i> (1998) 6(12):496-500	<input type="checkbox"/>	
	UW	LITZINGER, et al. "Fate of cationic liposomes and their complex with oligonucleotide in vivo", <i>Biochim Biophys Acta</i> , (1996) 1281(2):139-149	<input type="checkbox"/>	
	UX	LIU, et al. "Recombinant interleukin-6-protects mice against experimental bacterial infection", <i>Infect Immun.</i> (1992) 60(10):4402-4406	<input type="checkbox"/>	
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	UY	LIU, et al. "CpG ODN is an effective adjuvant in immunization with tumor antigen", <i>J Invest Med.</i> (1997) 45(7):333A	<input type="checkbox"/>
	UZ	LOKE, et al. "Delivery of c-myc antisense phosphorothioate oligodeoxynucleotides to hematopoietic cells in culture by liposome fusion: specific reduction in c-myc protein expression correlates with inhibition of cell growth and DNA synthesis", <i>Curr Top Microbiol Immunol.</i> (1988) 141:282-289	<input type="checkbox"/>
	VA	LONDSORF, et al. "Intratumor CpG-oligodeoxynucleotide injection induces protective antitumor T cell immunity", <i>J Immunol.</i> (2003) 171(8):3941-3946	<input type="checkbox"/>
	VB	MacFARLANE, et al. "Unmethylated CpG-containing oligodeoxynucleotides inhibit apoptosis in WEHI 231 B lymphocytes induced by several agents: evidence for blockade of apoptosis at a distal signaling step" <i>Immunology</i> (1997) 91(4):586-593	<input type="checkbox"/>
	VC	MacFARLANE, et al. "Antagonism of immuno-stimulatory CpG-oligodeoxynucleotides by quinacrine, chloroquine, and structurally related compounds", <i>J. Immunol</i> (1998) 160(3):1122-1131	<input type="checkbox"/>
	VD	MACKELLAR, et al. "Synthesis and physical properties of anti-HIV antisense oligonucleotides bearing terminal lipophilic groups", <i>Nucleic Acids Res.</i> (1992) 20(13):3411-3417	<input type="checkbox"/>
	VE	MAGNUSSON, et al. "Importance of CpG dinucleotides in activation of natural IFN-alpha-producing cells by a lupus-related oligodeoxynucleotide", <i>Scand J Immunol.</i> (2001) 54(6):543-550	<input type="checkbox"/>
	VF	MAJOR, et al. "Chapter 34 Hepatitis C Virus" in <i>Fields' Virology</i> (2001) 1:1127-1161	<input type="checkbox"/>
	VG	MALOY, et al. "Induction of Th1 and Th2 CD4+ T cell responses by oral or parenteral immunization with ISCOMS", <i>Eur J Immunol</i> (1995) 25(10):2834-2841	<input type="checkbox"/>
	VH	MALTESE, et al. "Sequence context of antisense RelA/NF-kappa B phosphorothioates determines specificity", <i>Nucleic Acids Res</i> (1995) 23(7):1146-1151	<input type="checkbox"/>

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	VI	MANCILLA-RAMIREZ, et al. "[Phosphatidycholine induces an increase in the production of interleukin-6 and improves survival of rats with neonatal sepsis caused by Klebsiella pneumoniae] <i>Gac Med Mex</i> (1995) 131(1):14-22	<input type="checkbox"/>
	VJ	MANEGOLD, et al. "Addition of PF-3512676 (CpG 7909) to a taxane/platinum regimen for first line treatment of unresectable non-small cell lung cancer (NSCLC) improves objective response-Phase II clinical trial", <i>Pfizer Poster</i> (2005) Abstract 1131	<input type="checkbox"/>
	VK	MARTIN-OROZCO, et al. "Enhancement of antigen-presenting cell surface molecules involved in cognate interactions by immunostimulatory DNA sequences", <i>Int Immunol</i> (1999) 11(7):1111-1118	<input type="checkbox"/>
	VL	MASTRANGELO, et al. <i>Seminars in Oncology</i> (1996) 23(1):4-21	<input type="checkbox"/>
	VM	MATSON, S., et al. "Nonspecific suppression of [3H] thymidine incorporation by "control" oligonucleotides", <i>Antisense Res Dev</i> (1992) 2(4):325-330	<input type="checkbox"/>
	VN	MATSUKURA, et al. "Regulation of viral expression of human immunodeficiency virus in vitro by an antisense phosphorothioate oligodeoxynucleotide against rev (arts/trs) in chronically infected cells", <i>Proc Natl Acad Sci USA</i> (1989) 86(11):4244-4248	<input type="checkbox"/>
	VO	McCLUSKIE, et al. "CpG DNA is a potent enhancer of systemic and mucosal immune responses against hepatitis B surface antigen with intranasal administration to mice", <i>J Immunol.</i> (1998) 161(9):4463-4466	<input type="checkbox"/>
	VP	McCLUSKIE, et al. "CpG DNA as mucosal adjuvant" <i>Vaccine</i> (2000) 18:231-237	<input type="checkbox"/>
	VQ	McCLUSKIE, et al. "Oral, intrarectal and intranasal immunizations using CpG and non-CpG oligodeoxynucleotides as adjuvants", <i>Vaccine</i> (2001) 19(4-5):413-422	<input type="checkbox"/>
	VR	McCLUSKIE, et al. "CpG DNA is an effective oral adjuvant to protein antigens in mice", <i>Vaccine</i> (2001) 19(7-8):950-957	<input type="checkbox"/>
	VS	McCLUSKIE, et al. "Route and method of delivery of DNA vaccine influence immune responses in mice and non-human primates", <i>Mol Med.</i> (1999) 5(5):287-300	<input type="checkbox"/>
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	VT	McCLUSKIE, et al. "The use of CpG DNA as a mucosal vaccine adjuvant", <i>Curr Opin Investig Drugs</i> (2001) 2(1):35-39	<input type="checkbox"/>
	VU	McCLUSKIE <i>Vaccine</i> (2001) 19:3759-3768	<input type="checkbox"/>
	VV	McCLUSKIE, et al. "Mucosal immunization of mice using CpG DNA and/or mutants of the heat-labile enterotoxin of <i>Escherichia coli</i> as adjuvants", <i>Vaccine</i> (2001) 273:352-354	<input type="checkbox"/>
	VW	McCLUSKIE, et al. "Intranasal immunization of mice with CpG DNA induces strong systemic and mucosal responses that are influenced by other mucosal adjuvants and antigen distribution", <i>Mol Med</i> (2000) 6(10):867-877	<input type="checkbox"/>
	VX	McCLUSKIE, et al. "The role of CpG in DNA vaccines", <i>Springer Semin Immunopathol</i> (2000) 22(1-2):125-132	<input type="checkbox"/>
	VY	McGHEE, et al. "The mucosal immune system: from fundamental concepts to vaccine development", <i>Vaccine</i> (1992) 10(2):75-88	<input type="checkbox"/>
	VZ	McHUTCHISON, et al. "Early viral response to CpG 10101, in combination with pegylated interferon and/or ribavirin, in chronic HCV genotype 1 infected patients with prior relapse response", <i>41st Annual Meeting of European Association for the Study of the Liver (EASL)</i> (2006) April 26-30, Vienna, Austria, submitted Abstract	<input type="checkbox"/>
	WA	McHUTCHISON, et al. "Final results of a multi-center phase 1B, randomized, placebo-controlled, dose escalation trial of CpG 10101 in patients with chronic hepatitis C virus", <i>41st Annual Meeting of European Association for the Study of the Liver (EASL)</i> (2006) April 30, Vienna, Austria, presented Abstract #111	<input type="checkbox"/>
	WB	McHUTCHISON, et al. "Early clinical results with CpG 10101, a new investigational antiviral TLR9 agonist being developed for treatment of subjects chronically infected with hepatitis C virus", <i>12th International Symposium on Viral Hepatitis and Liver Disease (ISVHLD)</i> (2006) July 3, Paris, France; presented Abstract #O105	<input type="checkbox"/>
	WC	McIntyre, K., et al. "A sense phosphorothioate oligonucleotide directed to the initiation codon of transcription factor NF-kappa B p65 causes sequence-specific immune stimulation", <i>Antisense Res Dev</i> (1993) 3(4):309-322	<input type="checkbox"/>

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	WD	MESSINA, J.P., et al. "Stimulation of in vitro murine lymphocyte proliferation by bacterial DNA", <i>J. Immunol.</i> (1991) 147(6):1759-1764	<input type="checkbox"/>	
	WE	MESSINA, J.P., et al. "The influence of DNA structure on the <i>in vitro</i> stimulation of murine lymphocytes by natural and synthetic polynucleotide antigens", <i>Cell Immunol.</i> (1993) 147(1):148-157	<input type="checkbox"/>	
	WF	MICONNET, et al. "CpG are efficient adjuvants for specific CTL induction against tumor antigen-derived peptide", <i>J. Immunol.</i> (2002) 169(3):1212-1218	<input type="checkbox"/>	
	WG	MILAS, et al. "CpG oligodeoxynucleotide enhances tumor response to radiation", <i>Cancer Res.</i> (2004) 64(15):5074-5077	<input type="checkbox"/>	
	WH	MOJCIK, C.F., et al. "Administration of a phosphorothioate oligonucleotide antisense to murine endogenous retroviral MCFenv causes immune effects <i>in vivo</i> in a sequence-specific manner", <i>Clinical Immunology and Immunopathology</i> (1993) 67:130-136	<input type="checkbox"/>	
	WI	MOTTRAM, et al. "A novel CDC2-related protein kinase from leishmania mexicana, LmmCRK1, is post-translationally regulated during the life cycle", <i>J. Biol. Chem.</i> (1993) 268:28 21044-21052	<input type="checkbox"/>	
	WJ	MUHLHAUSER, et al. "VEGF165 expressed by a replication-deficient recombinant adenovirus vector induces angiogenesis in vivo", <i>Circ. Res.</i> (1995) 77(6):1077-1086	<input type="checkbox"/>	
	WK	MUI, et al. "Immune stimulation by a CpG-containing oligodeoxynucleotide is enhanced when encapsulated and delivered in lipid particles", <i>J. Pharmacol Exp Ther.</i> (2001) 298(3):1185-1192	<input type="checkbox"/>	
	WL	MUTWIRI, et al. "Strategies for enhancing the immunostimulatory effects of CpG oligodeoxynucleotides", <i>J. Control Release</i> (2004) 97(1):1-17	<input type="checkbox"/>	
	WM	New England Biolabs 1993/94 Catalog, pp. 87-89 and 95 (1993)	<input type="checkbox"/>	
	WN	NIELSEN, et al. "Peptide nucleic acid (PNA). A DNA mimic with a peptide backbone", <i>Bioconjug Chem.</i> (1994) 5(1):3-7	<input type="checkbox"/>	
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	WO	NORMAN, et al. "Liposome-mediated, nonviral gene transfer induces a systemic inflammatory response which can exacerbate pre-existing inflammation", <i>Gene Ther.</i> (2000) 7:1425-1430	<input type="checkbox"/>
	WP	NYCE, J., et al. "DNA antisense therapy for asthma in an animal model", <i>Nature</i> (1997) 385:721-725	<input type="checkbox"/>
	WQ	OCHIAI, et al. "Studies on lymphocyte subsets of regional lymph nodes after endoscopic injection of biological response modifiers in gastric cancer patients", <i>Int J Immunotherapy</i> (1986) 11(4):259-265	<input type="checkbox"/>
	WR	Official Action for US Serial No. 08/386,068, filed Feb. 7, 1995, mailed March 12, 1999	<input type="checkbox"/>
	WS	OKADA, et al. "Bone marrow-derived dendritic cells pulsed with a tumor-specific peptide elicit effective anti-tumor immunity against intracranial neoplasms", <i>Int J Cancer</i> (1998) 78(2):196-201	<input type="checkbox"/>
	WT	PAL, et al. "Immunization with Chlamydia trachomatis mouse pneumonitis major outer membrane protein by use of CpG oligodeoxynucleotides as an adjuvant induces a protective immune response against an intranasal chlamydial challenge", <i>Infect Immun</i> (2002) 70(9):4812-4817	<input type="checkbox"/>
	WU	PAVLICK, et al. "Novel therapeutic agents under investigation for malignant melanoma", <i>Expert Opin Investig Drugs</i> (2003) 12(9):1545-1548	<input type="checkbox"/>
	WV	PAYETTE, et al. "History of vaccines and positioning of current trends", <i>Curr Drug Targets Infect Disord</i> (2001) 1(3):241-247	<input type="checkbox"/>
	WW	PERLAKI, et al. "Growth inhibition of human tumor cell lines by antisense oligonucleotides designed to inhibit p120 expression", <i>Anticancer Drug Des.</i> (1993) 8(1):3-14	<input type="checkbox"/>
	WX	PISETSKY, D.S., et al. "Stimulation of <i>in vitro</i> proliferation of murine lymphocytes by synthetic oligodeoxynucleotides", <i>Molecular Biology Reports</i> (1993) 18(3):217-221	<input type="checkbox"/>

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			<i>Art Unit</i>	1643
			<i>Examiner Name</i>	HOLLERAN, Anne L.
			<i>Attorney Docket Number</i>	021819-000300US
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	WY	PISETSKY, D.S., et al. "Stimulation of murine lymphocyte proliferation by a phosphorothioate oligonucleotide with antisense activity for herpes simplex virus", <i>Life Science</i> (1994) 54(2):101-107	<input type="checkbox"/>	
	WZ	PISETSKY, D.S., et al. "Immunological properties of bacterial DNA", <i>Ann N Y Acad Sci</i> (1995) 772:152-163	<input type="checkbox"/>	
	XA	PISETSKY, D.S., et al. "Immunologic consequences of nucleic acid therapy", <i>Antisense Res Dev.</i> (1995) 5(3):219-225	<input type="checkbox"/>	
	XB	PISETSKY, et al. "The influence of base sequence on the immunological properties of defined oligonucleotides", <i>Immunopharmacology</i> (1998) 40(3):199-208	<input type="checkbox"/>	
	XC	PISETSKY, et al. "The influence of base sequence on the immunostimulatory properties of DNA", <i>Immunol Res.</i> (1999) 19(1):35-46	<input type="checkbox"/>	
	XD	PISETSKY, et al. "Influence of backbone chemistry on immune activation by synthetic oligonucleotides", <i>Biochem Pharmacol</i> (1999) 58(12):1981-1988	<input type="checkbox"/>	
	XE	POLANCZYK, et al. "Immunostimulatory effects of DNA and CpG motifs", <i>Cent Eur J of Immunol.</i> (2000) 25(3):160-166	<input type="checkbox"/>	
	XF	Promega Catalog 1993/94, P. 90 (1993)	<input type="checkbox"/>	
	XG	QUDDUS, et al. "Treating activated CD4+ T cells with either of two distinct DNA methyltransferase inhibitors, 5-azacytidine or procainamide, is sufficient to cause a lupus-like disease in syngeneic mice", <i>J Clin Invest</i> (1993) 92(1):38-53	<input type="checkbox"/>	
	XH	RAGHAVAN, et al. "Orally administered CpG oligodeoxynucleotide induces production of CXC and CC chemokines in the gastric mucosa and suppresses bacterial colonization in a mouse model of Helicobacter pylori infection", <i>Infect Immun.</i> (2003) 71(12):7014-7022	<input type="checkbox"/>	
	XI	RANKIN, et al. "CpG motif identification for veterinary and laboratory species demonstrates that sequence recognition is highly conserved", <i>Antisense Nucleic Acid Drug Dev</i> (2001) 11(5):333-340	<input type="checkbox"/>	
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	XJ	RATAJCZAK, et al. "In vivo treatment of human leukemia in a scid mouse model with c-myc antisense oligodeoxynucleotides", <i>Proc Natl Acad Sci USA</i> (1992) 89(24):11823-11827	<input type="checkbox"/>
	XK	RAZ, et al. <i>Proc Natl Acad Sci USA</i> (1994) 91:9519-9523	<input type="checkbox"/>
	XL	RAZ, <i>Proc Natl Acad Sci USA</i> (1996) 93:5141-5145	<input type="checkbox"/>
	XM	RAZ, et al. "Potential role of immunostimulatory DNA sequences (ISS) in genetic immunization and autoimmunity" <i>ACR Post Session C: Cytokines and Inflammatory Mediators</i> (1996), Abstract 615	<input type="checkbox"/>
	XN	REDDY, et al. "Design of synthetic immunostimulatory motifs as agonists of Toll-like receptor 9: Use of N3-methyl-dC and N1-methyl-dG", 231 <sup>st</sup> ACS National Meeting, Atlanta, GA, US. March 26-30, 2006 Meeting Abstract	<input type="checkbox"/>
	XO	REITZ, et al. "Small-molecule immunostimulants. Synthesis and activity of 7,8-disubstituted guanosines and structurally related compounds", <i>J Med Chem.</i> (1994) 37(21):3561-3578	<input type="checkbox"/>
	XP	Ren jun, et al. HCAPLUSs Database, AN: 198874, Abstract. 1994	<input type="checkbox"/>
	XQ	REVAZ, et al. "The importance of mucosal immunity in defense against epithelial cancers", <i>Curr Opin Immunol</i> (2005) 17(2):175-179	<input type="checkbox"/>
	XR	ROBERTSON, et al. "Crohn's trial shows the pros of antisense", <i>Nat Biotechnol</i> (1997) 15(3):208	<input type="checkbox"/>
	XS	RODGERS, et al. "Effects of acute administration of O,S,S-trimethyl proosphorodithioate on the generation of cellular and humoral immune responses following in vitro stimulation", <i>Toxicology</i> (1988) 51(2-3):241-253	<input type="checkbox"/>
	XT	ROJANASAKUL, Y. "Antisense oligonucleotide therapeutics: drug delivery and targeting", <i>Advanced Drug Delivery Reviews</i> (1996) 18:115-131	<input type="checkbox"/>
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	XU	ROTHENFUSSER, et al. "Recent advances in immunostimulatory CpG oligonucleotides", <i>Curr Opin Mol Ther.</i> (2003) 5(2):98-106	<input type="checkbox"/>
	XV	RUDGINSKY, et al. "Antitumor activity of cationic lipid complexed with immunostimulatory DNA" <i>Mol Ther.</i> (2001) 4(4):347-355	<input type="checkbox"/>
	XW	RYNKIEWICZ, et al. "Marked enhancement of antibody response to anthrax vaccine adsorbed with CPT 7909 in healthy volunteers", <i>15th Intersci. Conf. Antimicrob. Agents Chemother.</i> (2005 Sept. 21-24); New Orleans, Louisiana. Meeting Poster	<input type="checkbox"/>
	XX	SAJIC, et al. "Parameters of CpG oligodeoxynucleotide-induced protection against intravaginal HSV-2 challenge", <i>J Med Virol</i> (2003) 71(4):561-568	<input type="checkbox"/>
	XY	SANDS, et al. "Biodistribution and metabolism of internally 3H-labeled oligonucleotides. I. Comparison of a phosphodiester and a phosphorothioate", <i>Mol Pharmacol.</i> (1994) 45(5):932-943	<input type="checkbox"/>
	XZ	SATOH, et al. "The study of mechanisms in CpG oligodeoxynucleotides-induced aggravation in murine allergic contact dermatitis to 2,4-dinitrofluorobenzene", <i>Fukushima Igaku Zasshi</i> (2002) 52(3):237-250. Abstract	<input type="checkbox"/>
	YA	SCHMIDT, et al. "Cytokine and Ig-production by CpG-containing sequences with phosphodiester backbone and dumbbell-shape", <i>Allergy</i> (2006) 61(1):56-63	<input type="checkbox"/>
	YB	SCHNELL, et al. "Identification and characterization of a <i>Sac-charomyces cerevisiae</i> gene (PAR1) conferring resistance to iron chelators", <i>Eur. J. Biochem.</i> 200:487-493	<input type="checkbox"/>
	YC	SCHWARTZ, D.A. et al. "CpG motifs in bacterial DNA cause inflammation in the lower respiratory tract", <i>J Clin Invest</i> (1997) 100(1):68-73	<input type="checkbox"/>
	YD	SCHWARTZ, et al. "Bacterial DNA or oligonucleotides containing unmethylated CpG motifs can minimize lipopolysaccharide-induced inflammation in the lower respiratory tract through an IL-12-dependent pathway", <i>J Immunol.</i> (1999) 63(1):224-231	<input type="checkbox"/>
	YE	SEDEGAH, et al. "Interleukin 12 induction of interferon gamma-dependent protection against malaria", <i>Proc natl Acad Sci USA</i> (1994) 91(22):10700-2	<input type="checkbox"/>
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	YF	SEMPLE, et al. "Immunogenicity and rapid blood clearance of liposomes containing polyethylene glycol-lipid conjugates and nucleic acid", <i>J Pharmacol Exp Ther</i> (2005) 312(3):1020-1026 (Epub 2004 Nov. 3)	<input type="checkbox"/>	
	YG	SESTER, et al. "Phosphorothioate backbone modification modulates macrophage activation by CpG DNA", <i>J Immunol.</i> (2000) 165(8):4165-4173	<input type="checkbox"/>	
	YH	SHCHEPINOV, et al. "Oligonucleotide dendrimers: From poly-labelled DNA probes to stable nano-structures. Glen Research Glen Report located at < <a href="http://www.glenresearch.com/glenreports/GR12-11.html">http://www.glenresearch.com/glenreports/GR12-11.html</a> >, visited on March 3, 2006, 7 pages	<input type="checkbox"/>	
	YI	SHCHEPINOV, et al. "Oligonucleotide dendrimers: stable nano-structures", <i>Nucleic Acids Res.</i> (1999) 27(15):3035-3041	<input type="checkbox"/>	
	YJ	SHIRAKAWA T., et al. "The inverse association between tuberculin responses and atopic disorder", <i>Science</i> (1997) 275(5295):77-79	<input type="checkbox"/>	
	YK	SIDMAN, et al. "Gamma-interferon is one of several direct B cell-maturing lymphokines", <i>Nature</i> (1984) 309(5971):801-804	<input type="checkbox"/>	
	YL	SINGH, et al. "Cationic microparticles are an effective delivery system for stimulatory CpG DNA", <i>Pharm Res.</i> (2001) 18(10):1476-1479	<input type="checkbox"/>	
	YM	SJOLANDER, et al. "Kinetics, localization and isotype profile of antibody responses to immune stimulating complexes (iscoms) containing human influenza virus envelope glycoproteins", <i>Scand J Immunol.</i> (1996) 43(2):164-172	<input type="checkbox"/>	
	YN	SONEHARA, et al. "Hexamer palindromic oligonucleotides with 5'-CG-3' motif(s) induce production of interferon", <i>J Interferon Cytokine Res.</i> (1996) 16(10):799-803	<input type="checkbox"/>	
	YO	SPARWASSER, et al. "Bacterial DNA causes septic shock", <i>Nature</i> (1997) 386(6623):336-337	<input type="checkbox"/>	
	YP	SPARWASSER, et al. "Immunostimulatory CpG-oligodeoxynucleotides cause extramedullary murine hemopoiesis", <i>J Immunol</i> (1999) 162(4):2368-2374	<input type="checkbox"/>	
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	YQ	SPARWASSER, et al. "Macrophages sense pathogens via DNA motifs: induction of tumor necrosis factor-alpha-mediated shock", <i>Eur J Immunol.</i> (1997) 27(7):1671-1679	<input type="checkbox"/>	
	YR	STEIN, et al. "Physicochemical properties of phosphorothioate oligodeoxynucleotides", <i>Nucleic Acids Res.</i> (1988) 16(8):3209-3221	<input type="checkbox"/>	
	YS	STEIN, et al. "Oligodeoxynucleotides as inhibitors of gene expression: a review", <i>Cancer Research</i> (1988) 48:2659-2668	<input type="checkbox"/>	
	YT	STEIN, C.A., et al. "Antisense oligonucleotides as therapeutic agents - is the bullet really magical", <i>Science</i> (1993) 261:1004-1012	<input type="checkbox"/>	
	YU	STEIN, et al. "Problems in interpretation of data derived from in vitro and in vivo use of antisense oligodeoxynucleotides" <i>Antisense Res Dev.</i> (1994) 4(2):67-69	<input type="checkbox"/>	
	YV	STEIN, et al. "Non-antisense effects of oligodeoxynucleotides", <i>Antisense Technology</i> (1997) ch 11:241-264	<input type="checkbox"/>	
	YW	STIRCHAK, et al. "Uncharged stereoregular nucleic acid analogs: 2. Morpholino nucleoside oligomers with carbamate internucleoside linkages", <i>Nucleic Acids Res.</i> (1989) 17(15):6129-6141	<input type="checkbox"/>	
	YX	STULL, et al. "Antigene, Ribozyme, and Aptamer Nucleic Acid Drugs: Progress and Prospects", <i>Pharmaceutical Res.</i> (1995) 12(4):465-483	<input type="checkbox"/>	
	YY	STUNZ, et al. "Inhibitory oligonucleotides specifically block effects of stimulatory CpG oligonucleotides in B cells", <i>Eur J Immunology</i> (2002) 32(5):1212-1222	<input type="checkbox"/>	
	YZ	SUBRAMANIAN, et al. "Theoretical Considerations on the 'Spine of Hydration' in the Minor Groove of d(CGCGAATTCGCG) d(CGCTTAAGCGC): Monte Carlo Computer Simulation", <i>Proc Natl Acad Sci USA</i> (1988) 85:1836-1840	<input type="checkbox"/>	

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	ZA	SUN, et al. "Type I interferon-mediated stimulation of T cells by CpG DNA", <i>J Exp Med.</i> (1998) 188(12):2335-2342	<input type="checkbox"/>
	ZB	SUN, et al. "Multiple effects of immunostimulatory DNA on T cells and the role of type I interferons", <i>Springer Semin Immunopathol.</i> (2000) 22(1-2):77-84	<input type="checkbox"/>
	ZC	SUZUKI, et al. "Liposome-encapsulated CpG oligodeoxynucleotides as a potent adjuvant for inducing type 1 innate immunity", <i>Cancer Res</i> (2004) 64(23):8754-8760	<input type="checkbox"/>
	ZD	SUZUKI, et al. "Liposome-encapsulated CpG oligodeoxynucleotides as a potent adjuvant for inducing type 1 innate immunity", <i>Cancer Res</i> (2004) 64(23):8754-8760	<input type="checkbox"/>
	ZE	TACKET, et al. "Phase I safety and immune response studies of a DNA vaccine encoding hepatitis B surface antigen delivered by a gene delivery device", <i>Vaccine</i> (1999) 17(22):2826-2829	<input type="checkbox"/>
	ZF	TAKATSUKI, et al. "Interleukin 6 perfusion stimulates reconstitution of the immune and hematopoietic systems after 5-fluorouracil treatment", <i>Cancer Res</i> (1990) 50(10):2885-2890	<input type="checkbox"/>
	ZG	TAM, et al. "Liposomal encapsulation enhances the activity of immunostimulatory oligonucleotides", <i>Future Lipidology</i> (2006) 1(1):35-40	<input type="checkbox"/>
	ZH	TANAKA, T., et al. "An antisense oligonucleotide complementary to a sequence in Iy2b increases y2b germline transcripts, stimulates B cell DNA synthesis, and inhibits immunoglobulin secretion", <i>J. Exp. Med.</i> (1992) 175:597-607	<input type="checkbox"/>
	ZI	TARKOY, et al. "Nucleic-Acid Analogues with Constraint Conformational Flexibility in the Sugar-Phosphate Backbone ('Bicyclo-DNA'). Part I. Preparation of (3S,5'R)-2'-Deoxy-3,5'-ethano- $\alpha\beta$ -D-ribonucleosides ('Bicyclonucleosides')", <i>Helv Chim Acta</i> (1993) 76(1):481-510	<input type="checkbox"/>
	ZJ	THREADGILL, et al. "Mitogenic synthetic polynucleotides suppress the antibody response to a bacterial polysaccharide", <i>Vaccine</i> (1998) 16(1):76-82	<input type="checkbox"/>
	ZK	TOKUNAGA, et al. "A Synthetic Single-Stranded DNA, Ply (dG, dC), Induces Interferon $\alpha\beta$ and $\gamma$ , Augments Natural Killer Activity and Suppresses Tumor Growth", <i>Jpn. J. Cancer Res.</i> (1988) 79:682-686	<input type="checkbox"/>
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	ZL	TOKUNAGA, et al. "Synthetic Oligonucleotides with Particular Base Sequence from the cDNA Encoding Proteins of <i>Mycobacterium bovis</i> BCG Induce Interferons and Activate Natural Killer Cells", <i>Microbiol. Immunol.</i> (1992) 36(1):55-66	<input type="checkbox"/>	
	ZM	TOKUNAGA, et al. "Response of the organism to DNA - With a focus on immunostimulatory DNA", <i>Kansen-Ensho Meneki</i> (2001) 31(3):1-12	<input type="checkbox"/>	
	ZN	UHLMANN, et al. "Antisense Oligonucleotides: A New Therapeutic Principle", <i>Chemical Reviews</i> (1990) 90:543-584	<input type="checkbox"/>	
	ZO	UHLMANN, et al. "Recent advances in the development of immunostimulatory oligonucleotides", <i>Curr Opin Drug Discov Devel.</i> (2003) 6(2):204-217	<input type="checkbox"/>	
	ZP	VANENDRIESSCHE, et al. "Acyclic oligonucleotides: possibilities and limitations", <i>Tetrahedron</i> (1993) 49(33):7223-7238	<input type="checkbox"/>	
	ZQ	VERTHELYI, et al. "Human peripheral blood cells differentially recognize and respond to two distinct CPG motifs", <i>J Immunol.</i> (2001) 166(4):2372-2377	<input type="checkbox"/>	
	ZR	VERTHELYI, et al. "Immunoregulatory activity of CpG oligonucleotides in humans and nonhuman primates" <i>Clin Immunol.</i> (2003) 109(1):64-71	<input type="checkbox"/>	
	ZS	VICARI, et al. "Reversal of tumor-induced dendritic cell paralysis by CpG immunostimulatory oligonucleotide and anti-interleukin 10 receptor antibody", <i>J Exp Med.</i> (2002) 196(4):541-549	<input type="checkbox"/>	
	ZT	VLASSOV, et al. "In Vivo pharmacokinetics of oligonucleotides following administration by different routes", CRC Press, Inc. Chapter 5 (1995) pp. 71-83	<input type="checkbox"/>	
	ZU	VOLLMER, et al. "Highly immunostimulatory CpG-free oligodeoxynucleotides for activation of human leukocytes", <i>Antisense Nucleic Acid Drug Dev.</i> (2002) 12(3):165-175	<input type="checkbox"/>	
	ZV	VOLLMER, et al. "Characterization of three CpG oligodeoxynucleotide classes with distinct immunostimulatory activities", <i>Eur J Immunol</i> (2004) 34(1):251-262	<input type="checkbox"/>	
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				<i>Filing Date</i>	July 14, 2003
				<i>First Named Inventor</i>	Dow, Steven W.
				<i>Art Unit</i>	1643
				<i>Examiner Name</i>	HOLLERAN, Anne L.
<i>Attorney Docket Number</i>	021819-000300US				
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	ZW	VOLLMER, et al. "Modulation of CpG oligodeoxynucleotide-mediated immune stimulation by locked nucleic acid (LNA)", <i>Oligonucleotides</i> (2004) 14(1):23-31	<input type="checkbox"/>		
	ZX	WAAG, et al. "Injection of inactivated phase I Coxiella burnetii increases non-specific resistance to infection and stimulates lymphokine production in mice", <i>Ann N Y Acad Sci</i> (1990) 590:203-214	<input type="checkbox"/>		
	ZY	WAGNER, "Gene inhibition using antisense oligodeoxynucleotides", <i>Nature</i> (1994) 372:L333-335	<input type="checkbox"/>		
	ZZ	WAGNER, "Interactions between bacterial CpG-DNA and TLR9 bridge innate and adaptive immunity", <i>Curr Opin Microbiol.</i> (2002) 5(1):62-69	<input type="checkbox"/>		
	AAA	WAGNER, et al. "CpG motifs are efficient adjuvants for genetic vaccines to induce antigen-specific protective anti-tumor T cell responses", 2000;203:429. Abstract R46	<input type="checkbox"/>		
	AAB	WALLACE, et al. "Oligonucleotide probes for the screening of recombinant DNA libraries", <i>Methods in Enzymology</i> (1987) 152:432-442	<input type="checkbox"/>		
	AAC	WANG, et al. "CpG oligodeoxynucleotides inhibit tumor growth and reverse the immunosuppression caused by the therapy with 5-fluorouracil in murine hepatoma", <i>World J Gastroenterol</i> (2005) 11(8):1220-1224	<input type="checkbox"/>		
	AAD	WEERANTA, et al. "Reduction of Antigen Expression from DNA Vaccines by coadministered Oligodeoxynucleotides", <i>Antisense and Nucleic Acid Drug Development</i> (1998) 8:351-356	<input type="checkbox"/>		
	AAE	WEERATNA, et al. "CpG ODN can redirect the Th bias of established Th2 immune responses in adult and young mice", <i>FEMS Immunol Med Microbiol</i> (2001) 32(1):65-71	<input type="checkbox"/>		
	AAF	WEERATNA, et al. "CpG DNA induces stronger immune responses with less toxicity than other adjuvants", <i>Vaccine</i> (2000) 18(17):1755-1762	<input type="checkbox"/>		
	AAG	WEINER, et al. "Immunostimulatory CpG oligodeoxynucleotide is effective as an adjuvant in inducing production of anti-idiotypic antibody and is synergistic with GMCSF", <i>Blood</i> (1996) 88(10):Suppl. 1 pt. 1. Abstract #348	<input type="checkbox"/>		
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	AAH	WEINER, et al. "The immunobiology and clinical potential of immunostimulatory CpG oligodeoxynucleotides", <i>J Leukoc Biol.</i> (2000) 68(4):455-463	<input type="checkbox"/>
	AAI	WEISS, R. "Upping the Antisense Ante: Scientists bet on profits from reverse genetics", <i>Science</i> (1991) 139:108-109	<input type="checkbox"/>
	AAJ	WERNETTE, et al. "CpG oligodeoxynucleotides stimulate canine and feline immune cell proliferation", <i>Vet Immunol Immunopathol.</i> (2002) 84(3-4):223-236	<input type="checkbox"/>
	AAK	WHALEN, R., "DNA vaccines for emerging infection diseases: What If?", <i>Emerging Infectious Disease</i> (1996) 2(3):168-175	<input type="checkbox"/>
	AAL	WHITESELL, et al. "Stability, clearance, and disposition of intraventricularly administered oligodeoxynucleotides: implications for therapeutic application within the central nervous system", <i>Proc Natl Acad Sci USA</i> (1993) 90(10):4665-4669	<input type="checkbox"/>
	AAM	WHITMORE, et al. "LPD lipopolyplex initiates a potent cytokine response and inhibits tumor growth", <i>Gene Ther.</i> (1999) 6:1867-1875	<input type="checkbox"/>
	AAN	WHITMORE, et al. "Systemic administration of LPD prepared with CpG oligonucleotides inhibits the growth of established pulmonary metastases by stimulating innate and acquired antitumor immune responses", <i>Canc Immun Immunother.</i> (2001) 50:503-514	<input type="checkbox"/>
	AAO	WOOLDRIDGE, et al. "Select unmethylated CpG oligodeoxynucleotide improve antibody dependent cellular cytotoxicity in vitro and in vivo", <i>Proc Am Assoc Cancer Res</i> (1996) 37(3253):477	<input type="checkbox"/>
	AAP	WOOLDRIDGE, et al. "Immunostimulatory oligodeoxynucleotides containing CpG motifs enhance the efficacy of monoclonal antibody therapy of lymphoma", <i>Blood</i> (1997) 89(8):2994-2998	<input type="checkbox"/>
	AAQ	WU, G.Y., et al. "Receptor-mediated gene delivery and expression in vivo", <i>J. Biological Chemistry</i> (1988) 263:14621-14624	<input type="checkbox"/>
	AAF	WU-PONG, S. "Oligonucleotides: Opportunities for Drug Therapy and Research", <i>Pharmaceutical Technology</i> (1994) 18:102-114	<input type="checkbox"/>
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			<i>Examiner Name</i>	HOLLERAN, Anne L.	
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	AAS	YAMAMOTO, S., et al. "In vitro augmentation of natural killer cell activity and production of interferon-alpha/beta and-gamma with deoxyribonucleic acid fraction from <i>Mycobacterium bovis</i> BCG", <i>Jpn J Cancer Res</i> (1988) 79:866-873	<input type="checkbox"/>	
	AAT	YAMAMOTO, S., et al. "Unique palindromic sequences in synthetic oligonucleotides are required to induce INF and augment INF-mediated natural killer activity", <i>The Journal of Immunology</i> (1992) 148:4072-4076	<input type="checkbox"/>	
	AAU	YAMAMOTO, S., et al. "DNA from Bacteria, but Not from Vertebrates, Induces Interferons, Activates Natural Killer Cells and Inhibits Tumor Growth", <i>Microbiol. Immunol.</i> (1992) 36(9):993-997	<input type="checkbox"/>	
	AAV	YAMAMOTO, S., et al. "Mode of Action of Oligonucleotide Fraction Extracted From <i>Mycobacterium bovis</i> BCG", <i>Kekkaku</i> (1994) 69(9):29-32	<input type="checkbox"/>	
	AAW	YAMAMOTO, T., et al. "Ability of oligonucleotides with certain palindromes to induce interferon production and augment natural killer cell activity is associated with their base length", <i>Antisense Research and Development</i> (1994) 4:119-123	<input type="checkbox"/>	
	AAX	YAMAMOTO, T., et al. "Synthetic Oligonucleotides with Certain Palindromes Stimulate Interferon Production of Human Peripheral Blood Lymphocytes in vitro", <i>Jpn J. Cancer Res</i> (1994) 85:775-779.	<input type="checkbox"/>	
	AAZ	YAMAMOTO, T., et al. "Cytokine production inducing action of oligo DNA", <i>Rinsho Meneki</i> (1997) 29(2):1178-1184	<input type="checkbox"/>	
	AAZ	YI, et al. "Rapid immune activation by CpG motifs in bacterial DNA. Systemic induction of IL-6 transcription through an antioxidant-sensitive pathway", <i>J Immunol</i> (1996) 157(12):5394-5402	<input type="checkbox"/>	
	BBA	YI, et al. "IFN- $\gamma$ promotes IL-6 and IgM secretion in response to CpG motifs in bacterial DNA and oligodeoxynucleotides", <i>J Immunol.</i> (1996) 1546(2):558-564	<input type="checkbox"/>	
	BBB	YI, et al. "Rapid induction of mitogen-activated protein kinases by immune stimulatory CpG DNA", <i>J Immunol.</i> (1998) 161(9):4493-4497	<input type="checkbox"/>	
	BBC	YI, et al. "CpG oligodeoxyribonucleotides rescue mature spleen B cells from spontaneous apoptosis and promote cell cycle entry", <i>J Immunol.</i> (1998) 160(12):5898-5906	<input type="checkbox"/>	
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	BBD	YU, et al. "Accessible 5'-end of CpG-containing phosphorothioate oligodeoxynucleotides is essential for immunostimulatory activity", <i>Bioorg Med Chem Lett</i> (2000) 10(23):2585-2588	<input type="checkbox"/>
	BBE	YU, et al. "Modulation of immunostimulatory activity of CpG oligonucleotides by site-specific deletion of nucleobases", <i>Bioorg Med Chem Lett</i> . (2001) 11(17):2263-2267	<input type="checkbox"/>
	BBF	ZHAO, Q., et al. "Stage-specific oligonucleotide uptake in murine bone marrow B-cell precursors", <i>Blood</i> (1994) 84(11):3660-3666	<input type="checkbox"/>
	BBG	ZHAO, et al. "Modulation of oligonucleotide-induced immune stimulation by cyclodextrin analogs", <i>Biochem Pharmacol</i> (1996) 52(10):1537-1544	<input type="checkbox"/>
	BBH	ZHAO, et al. "Effect of different chemically modified oligodeoxynucleotides on immune stimulation", <i>Biochem Pharmacol</i> (1996) 51(2):173-182	<input type="checkbox"/>
	BBI	ZHAO, et al. "Pattern and kinetics of cytokine production following administration of phosphorothioate oligonucleotides in mice", <i>Antisense Nucleic Acid Drug Dev.</i> (1997) 7(5):495-502	<input type="checkbox"/>
	BBJ	ZHAO, et al. "Site of chemical modifications in CpG-containing phosphorothioate oligodeoxynucleotide modulates its immunostimulatory activity", <i>Bioorg Med Chem Lett</i> (1999) 9(24):3453-3458	<input type="checkbox"/>
	BBK	ZHAO, et al. "Immunostimulatory activity of CpG containing phosphorothioate oligodeoxynucleotide is modulated by modification of a single deoxynucleoside", <i>Bioorg Med Chem Lett</i> . (2000) 10(10):1051-1054. Abstract Only	<input type="checkbox"/>
	BBL	ZHU, et al. "Modulation of ovalbumin-induced Th2 responses by second generation immunomodulatory oligonucleotides in mice", <i>Int Immunopharmacol</i> (2004) 4(7):851-862	<input type="checkbox"/>

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